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**PRODUCT
CATALOGUE
2026-2027**

SHANGHAI HONEYTEK ELECTRONIC INSTRUMENT CO., LTD.



ABOUT US

Shanghai Honeytek Electronic Instrument Co., Ltd was established at year 2006, located at Zhangjiang high-tech industrial park in pudong of Shanghai, as well as the self-owned Shenzhen factory. We mainly focus on developing and manufacturing various kinds of handheld electronic measuring instruments, such as digital multimeter, clamp meter, insulation tester, environmental testers, IR thermometer, laser distance meters, and so on. With the strict quality control and well organized workmanship, our products are approved with CE, ETL certifications and meet the latest RoHS directives.

We set up the well-organized sales networks, as well as technical support and A/S system, which guaranteed our products are welcomed not only at domestic markets, but also overseas markets, with the pure goal of offering only quality-assured products, we are the reliable partner to many customers world widely.

Benefit from constant innovation, excellent quality and proactive customer support, as well as deeply understanding the requirements from markets, we will provide more fantastic products to satisfy your comprehensive electronic measurements continuously.



NEW PRODUCT INTRODUCTION

True RMS Industrial Digital Multimeter

HK78LCR

- ▶ 6000 counts with True RMS measurement
- ▶ 1000V AC/DC
- ▶ 20A AC/DC
- ▶ Resistance to 60MΩ
- ▶ Capacitance to 100mF
- ▶ Inductance to 60H
- ▶ Temperature, Transistor, NCV, Live test
- ▶ Inbuilt flashlight for visibility in any conditions



True RMS Automotive Digital Multimeter

HK78M

- ▶ 6000 counts with True RMS measurement
- ▶ 1000V DC, 750V AC
- ▶ 10A AC/DC
- ▶ Resistance to 60MΩ
- ▶ Frequency to 1MHz
- ▶ Capacitance to 1mF
- ▶ Tach (500~10000RPM): 3/4/6/8CYL
- ▶ Dwell: 3/4/6/8CYL
- ▶ MAX/MIN, Data Hold
- ▶ Relative measurement
- ▶ Inbuilt flashlight for visibility in any conditions



1000V Insulation Tester

HK505

- ▶ 6000 counts with True RMS measurement
- ▶ Test range: 50V, 250V, 500V, 1000V
- ▶ Up to 20GΩ
- ▶ Polarization index (PI)
- ▶ Dielectric absorption ratio (DAR)
- ▶ 1000V AC/DC measurement
- ▶ Resistance to 60MΩ
- ▶ Capacitance to 10mF
- ▶ Frequency to 1000Hz
- ▶ Inbuilt flashlight for visibility in any conditions



Single Range Handheld Insulation Tester

HK60D

- ▶ 2000 counts handheld insulation tester
- ▶ Handheld single range insulation tester
- ▶ Test range: 1000V
- ▶ Up to 2000MΩ



Industrial Digital Clamp Meter

HK689D

- ▶ 6000 counts with True RMS measurement
- ▶ 1000A AC/DC
- ▶ 1000V AC/DC
- ▶ φ 42mm cable clamp size
- ▶ Inrush Current, LoZ AC/DC, V.F.C, Temperature, Peak
- ▶ Analog bar display
- ▶ Capacitance to 100mF
- ▶ Frequency to 10MHz
- ▶ Inbuilt flashlight for visibility in any conditions
- ▶ Double mold housing against accidental damage



Digital Clamp Meter for Photovoltaic Installation

HK888D

- ▶ 6000 counts with True RMS measurement
- ▶ CAT III 1500V, CAT IV 1000V
- ▶ 2000A AC/DC
- ▶ 2000V AC/DC
- ▶ φ 57.5×74mm cable clamp size
- ▶ Inrush Current, LoZ AC/DC, Temperature, Peak
- ▶ NCV/Live Wire detection
- ▶ Resistance to 60MΩ
- ▶ Capacitance to 100mF
- ▶ Frequency to 10MHz
- ▶ Double opening clamp easier access
- ▶ Inbuilt spotlight for visibility in any conditions
- ▶ PV test leads with MC4 PV Plug



Portable Insulation Tester

HK4432A

- ▶ 6000 counts with True RMS measurement
- ▶ Test range: 100V, 250V, 500V, 1000V
- ▶ Up to 20GΩ
- ▶ Measurement of up to 1000V AC/DC
- ▶ Data Hold
- ▶ Auto power off
- ▶ Inbuilt charging port
- ▶ LCD backlight



Portable Insulation Tester

HK4432B

- ▶ 6000 counts with True RMS measurement
- ▶ Test range: 100V, 250V, 500V, 1000V
- ▶ Up to 100.0GΩ
- ▶ Measurement of up to 1500V AC, 2500V DC, adjustable
- ▶ Data Hold
- ▶ Auto power off
- ▶ Inbuilt charging port
- ▶ LCD backlight



Voltage Testers

HK11 Series

- ▶ Excellent detects whether the voltage presents or not
- ▶ HK11A-voltage and continuity detector with LED indicator
- ▶ AC voltage: 12V~300V; DC voltage: 12V~36V
- ▶ Sound and light alarm
- ▶ HK11F-voltage and continuity detector with LED indicator
- ▶ AC/DC voltage: 12/24/50/120/230/400/690V
- ▶ Continuity test: 50/100/1k/10k/100kΩ
- ▶ HK11C-voltage detector with max. 6000 counts display
- ▶ AC/DC voltage: up to 600V
- ▶ Resistance to 60MΩ
- ▶ Capacitance to 10mF
- ▶ Frequency to 10.00MHz
- ▶ Phase sequency, NCV detection



Environmental Testers

HK880 Series

- ▶ Stylish slim design with accurate measurement
- ▶ Comprehensive ranges satisfy various environmental test
- ▶ Anemometer with 6 air velocity range with air flow test
- ▶ Lux meter up to 200k lux/20kFc
- ▶ Moisture meter available on both wood and building material test
- ▶ Sound level meter up to 130dB both weighting A and C
- ▶ Tachometer measuring range: 0.1RPM~99999RPM



AC Voltage Detector

HK11B/HK11B+

- ▶ 12 - 1000V AC
- ▶ Voltage detection setting
- ▶ Audible & visible alarm
- ▶ LCD dual color indicating
- ▶ Oblate or round tip selection
- ▶ CAT III 1000V rating



Smart SMD Tester

HK116A

- ▶ Smart SMD (surface mount device) tester with auto scan feature
- ▶ Resistance to 40MΩ
- ▶ Capacitance to 40mF
- ▶ Max. 4000 counts display
- ▶ Diode check, continuity buzzer, data hold
- ▶ Auto range, auto power off and low battery indication



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Digital Multimeters

Digital multimeters are indispensable tools for any professional working in electrical, electronic, and electromechanical fields. These versatile instruments are designed to measure various electrical parameters such as AC/DC voltage, AC/DC current, resistance, continuity, capacitance, frequency, and temperature.

Electrical and electronic troubleshooting – circuit testing, component testing, continuity testing.
Automotive industry – battery testing, alternator and starter testing, sensor testing.

Industrial applications:

- Motor and generator maintenance, power supply testing, control systems diagnostic.
- Telecommunications – line testing, signal integrity testing.
- HVAC – temperature measurement, capacitance testing, electrical testing.
- Home and office – electrical outlet testing, appliance testing, lighting systems.



Selection Guide-Digital Multimeter (600V DC)

Model	HK88A	HK88B	HK88C	HK88D	HK48A	HK48A+	HK48C	HK48C+	HK48D
Product Images									
True RMS	●	●	●	●	●	●	●	●	—
Display Count	4000	6000	10000	6000	2000	4000	2000	4000	2000
DC Voltage	600V	600V	600V	600V	500V	600V	500V	600V	500V
AC Voltage	600V	600V	600V	600V	500V	600V	500V	600V	500V
DC Current	10A	10A	10A	10A	10A	10A	10A	10A	10A
AC Current	10A	10A	10A	10A	10A	10A	10A	10A	10A
Resistance	40MΩ	60MΩ	100MΩ	60MΩ	20MΩ	40MΩ	20MΩ	40MΩ	20MΩ
Capacitance	40mF	60mF	60mF	60mF	—	40mF	—	40mF	—
Frequency	10MHz	10MHz	10MHz	10MHz	—	10MHz	—	10MHz	20kHz
Duty Cycle	—	99%	99%	99%	—	—	—	—	—
Temperature (°C)	50°C	1000°C	1000°C	1000°C	—	—	750°C	1000°C	—
Temperature (°F)	—	1832°F	1832°F	1832°F	—	—	1382°F	1832°F	—
Transistor hFE	—	—	—	—	—	—	—	—	—
Flashlight	—	—	—	—	—	—	—	—	—
NCV	●	●	●	●	●	●	●	●	—
Line Test	●	●	●	●	●	●	●	●	—
Analog Bar Display	●	●	●	●	—	—	—	—	—
LoZ	●	●	●	—	—	—	—	—	—
V.F.C	●	●	●	—	—	—	—	—	—
LCD Backlight	EBTN	EBTN	EBTN	EBTN	●	●	●	●	●
Auto Backlight	—	—	—	—	—	—	—	—	—
MAX/MIN	●	●	●	●	—	●	—	●	MAX
Data Hold	●	●	●	●	●	●	●	●	●
Battery Test	—	—	—	—	—	—	—	—	—
Relative Mode	●	●	●	●	—	●	—	●	—
Auto Power Off	●	●	●	●	●	●	●	●	●
Fused Alarm (FUSED)	●	●	●	—	—	—	—	—	—
Range Selection	Auto	Auto	Auto	Smart (Auto)	Auto	Auto	Auto	Auto	Auto
Special Features	—	—	—	—	—	—	—	—	—
CAT Rating	CAT III 600V			CAT III 300V	CAT III 600V				
Battery Type	1.5V (AAA) × 2			3.7V (AAA) × 2	1.5V (AAA) × 2				9V × 1
Product Size	155 × 72 × 45mm				144 × 70 × 32mm				
Product Weight	300g				200g				

Selection Guide - Solar PV Module Maximum Power Tester

Model	HK88PV
Product Images	
Open-circuit voltage measurement (V)	12-150V
Measurement power (W)	5-2200W
Short-circuit current (A)	0-20A
Input limit	When the input exceeds the product's rated value, the product will restrict entry into the measurement mode, and OL will be displayed at corresponding position!
Descriptions	The Meter is powered by two 1.5V batteries, with a total standby power consumption of ≤50mA (total power consumption with backlight on is about less than 60mA).
	When measuring power, the Meter can be used as a general DC voltage meter, but the input amplitude must be ≤150V.
	The specified accuracy of the above specifications is determined under standard light sources.
LCD backlight	●
MAX	●
Data Hold	●
Auto Power Off	●
Range Selection	AUTO,Manual
CAT Rating	CAT III 150V
Battery Type	1.5V(AA)×2
Low Battery Indication	●
Relative mode	●
Product Size	164 x 81 x42mm
Product Weight	259g

Selection Guide-Digital Multimeter (600V DC)

Model	HK39A	HK39B	HK39C	HK39D	HK39E	HK39F	HK39G	HK39H	HK39T
Product Images									
True RMS	●	—	●	●	●	●	●	●	—
Display Count	2000	2000	2000	4000	2000	6000	4000	6000	—
DC Voltage	600V	—	600V	600V	600V	600V	600V	600V	—
AC Voltage	600V	—	600V	600V	600V	600V	600V	600V	—
DC Current	—	—	—	400mA	—	600mA	—	600mA	—
AC Current	—	—	—	400mA	—	600mA	—	600mA	—
Resistance	2kΩ	—	20MΩ	40MΩ	20MΩ	60MΩ	40MΩ	60MΩ	—
Capacitance	—	—	—	40mF	—	10mF	40mF	60mF	—
Frequency	—	—	—	60kHz	—	60kHz	10MHz	10MHz	—
Duty Cycle	—	—	—	—	—	99%	—	99%	—
Temperature (°C)	—	—	1000°C	1000°C	—	—	—	—	1000°C
Temperature (°F)	—	—	1832°F	1832°F	—	—	—	—	1832°F
Transistor hFE	—	—	—	—	—	—	—	—	—
Flashlight	●	●	●	●	●	●	●	●	●
NCV	●	—	●	●	●	●	●	●	—
Line Test	●	—	●	●	●	●	●	●	—
Analog Bar Display	—	—	—	—	—	—	—	—	—
LoZ	—	—	—	—	—	—	—	—	—
V.F.C	—	—	—	—	—	—	—	—	—
LCD Backlight	●	●	●	●	●	●	●	●	●
Auto Backlight	—	—	—	—	—	—	—	—	—
MAX/MIN	—	—	—	—	—	—	—	—	—
Data Hold	●	●	●	●	●	●	●	●	●
Battery Test	●	●	●	●	●	●	●	●	
Relative Mode	—	—	—	—	—	—	—	—	—
Auto Power Off	●	●	●	●	●	●	●	●	●
Fused Alarm (FUSED)	—	—	—	—	—	—	—	—	—
Range Selection	Manual	Manual	Auto	Auto	Smart (Auto)	Auto	Smart (Auto)	Smart (Auto)	Auto
Special Features	—	—	—	—	—	—	—	—	—
CAT Rating	CAT III 600V								
Battery Type	1.5V (AAA)×2								
Product Size	119×65×30mm								
Product Weight	130g								

Selection Guide-Digital Multimeter (600V DC)

Model	HK36A	HK36A+	HK36T	HK33A	HK33B	HK33C	HK33D
Product Images							
True RMS	—	●	—	●	●	●	●
Display Count	2000	2000	2000	2000	2000	4000	6000
DC Voltage	500V	600V	500V	600V	600V	600V	600V
AC Voltage	500V	600V	500V	600V	600V	600V	600V
DC Current	10A	10A	10A	10A	10A	10A	10A
AC Current	—	—	10A	10A	10A	10A	10A
Resistance	2MΩ	200MΩ	20MΩ	200MΩ	20MΩ	40MΩ	60MΩ
Capacitance	—	—	—	—	—	100mF	100mF
Frequency	—	—	—	—	—	10MHz	10MHz
Duty Cycle	—	—	—	—	—	●	●
Temperature (°C)	—	—	750°C	—	1000°C	—	1000°C
Temperature (°F)	—	—	1382°F	—	1832°F	—	1832°F
Transistor hFE	—	—	—	●	—	●	●
Flashlight	—	—	—	●	●	●	●
NCV	●	●	—	●	●	●	●
Line Test	●	●	—	●	●	●	●
Analog Bar Display	—	—	—	—	—	—	—
LoZ	—	—	—	—	—	—	—
V.F.C	—	—	—	—	—	—	—
LCD Backlight	●	●	●	●	●	●	EBTN
Auto Backlight	●	—	—	—	—	—	—
MAX/MIN	—	—	MAX	—	●	●	●
Data Hold	●	●	●	●	●	●	●
Battery Test	—	—	—	●	●	●	—
Relative Mode	—	●	—	—	●	●	●
Auto Power Off	—	●	●	●	●	●	●
Fused Alarm (FUSED)	—	—	—	—	—	—	—
Range Selection	Manual	Manual	Manual	Manual	Manual	Auto	Auto
Special Features	—	—	—	—	—	—	—
CAT Rating	CAT III 600V			CAT III 600V			
Battery Type	9V×1	1.5V (AAA) × 2		1.5V (AAA) × 2			
Product Size	144×70×32mm			150×75×46mm			
Product Weight	200g			300g			

Selection Guide-Digital Multimeter (600V DC)

Model	HK32	HK32A	HK32B	HK32T	HK28A	HK28B	HK28D	HK28E
Product Images								
True RMS	—	—	—	●	—	—	—	●
Display Count	2000	2000	2000	2000	2000	4000	6000	6000
DC Voltage	600V	600V	600V	600V	600V	600V	600V	600V
AC Voltage	600V	600V	600V	600V	600V	600V	600V	600V
DC Current	10A	10A	10A	10A	200mA	—	—	—
AC Current	—	—	—	10A	200mA	—	—	—
Resistance	200MΩ	20MΩ	20MΩ	200MΩ	20MΩ	40MΩ	10MΩ	60MΩ
Capacitance	—	—	—	200μF	—	100μF	—	60mF
Frequency	—	—	—	2kHz	—	10MHz	1kHz	—
Duty Cycle	—	—	—	—	—	●	—	—
Temperature (°C)	—	—	—	1000°C	—	—	—	50°C
Temperature (°F)	—	—	—	1832°F	—	—	—	122°F
Transistor hFE	—	—	●	—	—	—	—	—
Flashlight	—	—	—	—	—	—	—	—
NCV	—	—	●	●	—	—	—	●
Line Test	—	—	●	●	—	—	●	—
Analog Bar Display	—	—	—	—	—	—	—	—
LoZ	—	—	—	—	—	—	—	—
V.F.C	—	—	—	—	—	—	—	—
LCD Backlight	●	●	●	●	—	—	—	—
Auto Backlight	—	—	—	—	—	—	—	—
MAX/MIN	—	—	—	—	MAX	—	—	—
Data Hold	●	●	●	●	—	●	●	●
Battery Test	—	●	●	●	—	—	—	—
Relative Mode	—	—	—	—	—	●	—	—
Auto Power Off	●	●	●	●	●	●	●	●
Fused Alarm (FUSED)	—	—	—	—	—	—	—	—
Range Selection	Manual	Manual	Manual	Manual	Manual	Manual	Smart	
Special Features	—	—	—	Battery Test	—	—	—	—
CAT Rating	CAT III 600V				CAT III 600V			
Battery Type	1.5V (AAA) ×2				1.5V (AAA) ×2			
Product Size	133×71×47mm				128×70×16mm			
Product Weight	190g				103g			

Selection Guide-Digital Multimeter (1000V DC)

Model	HK78A+	HK78B+	HK78A-PRO	HK78B-PRO	HK78C	HK78D	HK78E
Product Images							
True RMS	—	●	●	●	●	●	●
Display Count	2000	2000	4000	4000	6000	6000	20000
DC Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC Voltage	750V	750V	750V	750V	750V	750V	750V
DC Current	10A	10A	20A	20A	10A	10A	20A
AC Current	10A	10A	20A	20A	10A	10A	20A
Resistance	200MΩ	200MΩ	40MΩ	40MΩ	60MΩ	60MΩ	200MΩ
Capacitance	200uF	200uF	40mF	40mF	60mF	60mF	100mF
Frequency	—	200kHz	1kHz	1kHz	10MHz	10MHz	10MHz
Temperature (°C)	—	1000°C	—	1000°C	1000°C	—	—
Temperature (°F)	—	—	—	1832°F	1832°F	—	—
Inductance	—	—	—	—	—	—	—
Diode test	●	●	●	●	●	●	●
Continuity Buzzer	●	●	●	●	●	●	●
Duty cycle	—	—	—	—	●	●	●
Transistor hFE	●	●	●	●	—	—	—
LCD backlight	—	—	●	●	●	●	●
Auto back-Light	—	—	—	—	—	—	—
Flashlight	●	●	●	●	●	●	●
NCV			●	●	●	●	●
Line Test	●	—	●	●	●	●	●
Analog Bar Display	—	—	—	—	●	●	—
LoZ	—	—	—	—	●	●	—
V.F.C	—	—	—	—	●	●	—
Data Hold	●	●	●	●	●	●	●
MAX/MIN	—	—	—	—	—	—	—
Relative mode	—	●	●	●	●	●	●
Range Selection	Manual						
CAT Rating	CAT III 1000V						
Battery Type	9V×1		1.5V(AA)×2				
Product Size	185 x 88 x 54mm						
Product Weight	355g						

Selection Guide-Digital Multimeter (1000V DC)

Model	HK78N	HK78M	HK78G	HK78LCR
Product Images				
True RMS	●	●	●	●
Display Count	6000	6000	6000	6000
DC Voltage	1000V	1000V	2000V	1000V
AC Voltage	1000V	750V	2000V	1000V
DC Current	20A	10A	600mA	20A
AC Current	20A	10A	600A (by current clamp)	20A
Resistance	60MΩ	60MΩ	60MΩ	200MΩ
Capacitance	60mF	100mF	60mF	100mF
Frequency	20MHz	1MHz	10MHz	25MHz
Temperature (°C)	1300°C	1000°C	1300°C	1000°C
Temperature (°F)	2372°F	1832°F	2372°F	1832°F
Inductance	—	—	—	20H
Diode test	●	●	●	●
Continuity Buzzer	●	●	●	●
Duty cycle	●	●	●	●
Transistor hFE	—	—	—	—
LCD backlight	●	●	●	●
Auto back-Light	—	—	—	—
Flashlight	●	●	●	●
NCV	●	—	●	●
Line Test	●	—	●	●
Analog Bar Display	—	—	—	—
LoZ	—	—	—	—
V.F.C	—	—	—	—
Data Hold	●	●	●	●
MAX/MIN	●	●	●	●
Relative mode	●	●	●	●
Range Selection	Auto/Manual			
CAT Rating	CAT III 1000V			
Battery Type	1.5V (AA)×2			
Product Size	185×88×54mm			
Product Weight	355g			

Selection Guide-Digital Multimeter (1000V DC)

Model	HK68A	HK68B	HK68C	HK56A	HK56B	HK56D
Product Images						
True RMS	●	●	●	—	—	●
Display Count	4000	4000	6000	2000	2000	2000
DC Voltage	1000V	1000V	1000V	1000V	1000V	1000V
AC Voltage	750V	750V	750V	750V	750V	750V
DC Current	10A	10A	10A	20A	20A	10A
AC Current	10A	10A	10A	20A	20A	10A
Resistance	40MΩ	40MΩ	60MΩ	200MΩ	200MΩ	200MΩ
Capacitance	100mF	100mF	100mF	—	200uF	100mF
Frequency	10MHz	10MHz	10MHz	—	200kHz	10MHz
Temperature (°C)	—	1000°C	1000°C	—	1000°C	1000°C
Temperature (°F)	—	1832°F	1832°F	—	1832°F	1832°F
Inductance	—	—	—	—	—	20H
Diode test	●	●	●	●	●	●
Continuity Buzzer	●	●	●	●	●	●
Duty cycle	●	●	●	—	—	●
Transistor hFE	●	—	—	●	●	—
LCD backlight	●	●	●	●	●	●
Auto back-Light	—	—	—	—	—	—
Flashlight	—	—	—	—	—	—
NCV	●	●	●	—	—	●
Line Test	●	●	●	—	—	●
Analog Bar Display	—	—	—	—	—	—
LoZ	—	—	—	—	—	—
V.F.C	—	—	—	—	—	—
Data Hold	●	●	●	●	●	●
MAX/MIN	●	●	●	—	—	●
Relative mode	●	●	●	—	—	●
Range Selection	Auto			Manual		
CAT Rating	CAT III 1000V			CAT III 1000V		
Battery Type	9V×1					
Product Size	200×92×60mm					
Product Weight	350g					

HK78E

20,000 counts TRMS manual range digital multimeter

HK78 series are versatile and robust multimeters, ranging from 2000 to 20000 count, designed for both professional electricians and advanced DIY enthusiasts. These true RMS manual ranging multimeters offer a comprehensive set of measurement capabilities:

	HK78A+	HK78E	HK78B+	HK78C	HK78D	HK78A-PRO	HK78B-PRO
Temperature			●	●			●
NCV				●	●	●	●
Live Wire	●			●	●	●	●
hFE	●		●			●	●
SQ Wave Output				●	●		
nS		●					
VFC				●	●		
Analog Bar				●	●		
Dual Backlight						●	●

The manual ranging feature allows for precise control over measurement scales, while the high voltage (1000VDC and 750VAC) and current (10A) ratings make it suitable for both residential and light industrial use. With its CAT III 1000V rating, this multimeter series provides a high level of safety for measurements on fixed installations, distribution boards, and major appliances.

Specifications	HK78E	
	Range	Accuracy
DC Voltage	200m/2/20/200V	±(0.05% + 3d)
	1000V	±(0.1% + 5d)
AC Voltage	200mV	±(0.5% + 10d)
	2/20/200V	±(0.1% + 10d)
	750V	±(0.5% + 12d)
DC Current	200u/2m/20m/200mA	±(0.5% + 10d)
	20A	±(0.5% + 10d)
AC Current	20m/200mA	±(1.0% + 10d)
	20A	±(1.0% + 10d)
Resistance	200Ω	±(0.2% + 10d)
	2k/20K/200k/2MΩ	±(0.2% + 1d)
	20MΩ	±(0.5% + 10d)
	200MΩ	±(5.0% + 10d)
Capacitance	10nF	±(4.0% + 25d)
	100nF~100uF	±(4.0% + 15d)
	1mF	±(10.0% + 5d)
Frequency	100/1k/10k/100k/1M/10MHz	±(0.1% + 2d)
Conductivity	10M/100M/1000MΩ	±(1.0% + 30d)
Express function		
True RMS	●	
Display Count	19999	
Diode Test	●	
Continuity Buzzer	●	
Flashlight	●	
NCV	●	
LCD Backlight	●	
Data Hold	●	
Relative Mode	●	
Auto Power Off	●	
Range Selection	Manual	
General Features		
CAT Rating	CAT III 1000V	
Battery Type	1.5V(AA)×2	
Product Size	185×88×54mm	
Product Weight	355g	
CTN Size	46×31×34.5cm	
Q'ty/CTN	20pcs	
NW/GW	12kg/13kg	



HK78E

HK78G

6,000 counts TRMS digital multimeter

Specifications	HK78G	
	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% + 3d)
	1000V	±(0.8% + 5d)
	2000V	±(2.0% + 2d)
AC Voltage	600mV	±(0.8% + 3d)
	6/60/600V	±(0.8% + 3d)
	1000V	±(1% + 5d)
	2000V	±(2.0% + 5d)
DC Current	600u/6000u/60m/600mA	±(1.0% + 3d)
AC Current	600u/6000u/60m/600mA	±(1.0% + 5d)
	600A	±(2.5% + 5d)
Resistance	600Ω	±(0.8% + 3d)
	6k/60k/600k/6MΩ	±(0.8% + 3d)
	60MΩ	±(1.0% + 5d)
Capacitance	60n/600n/6u/60u/600uF	±(3.5% + 5d)
	6m/60mF	±(10% + 5d)
Frequency	1/10/100/1k/10k/100k/1M/10MHz	±(0.1% + 4d)
Duty Cycle	1%~99%	±(2.0% + 5d)
Temperature (°C)	-50°C~0°C	±4
	0°C~300°C	±(1.0% + 3d)
	300°C~1300°C	±(2.0% + 3d)
Temperature (°F)	-58°F~32°F	±6
	32°F~572°F	±(1.0% + 4d)
	572°F~1832°F	±(2.0% + 5d)
Express function		
True RMS	●	
Display Count	5999	
Diode test	●	
Continuity Buzzer	●	
Flashlight	●	
NCV	●	
LCD Backlight	●	
MAX/MIN	●	
Data Hold	●	
Relative Mode	●	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT rating	CAT III 1000V CAT IV 600V	
Battery Type	1.5V(AA)x2	
Product Size	185x90x53mm	
Product Weight	61x36.3mm	
CTN Size	345g	
Q'ty/CTN		
NW/GW		



HK78G

HK78N/HK78BT

6,000 counts TRMS auto range digital multimeter

Specifications	HK78N		HK78BT	
	Range	Accuracy	Range	Accuracy
DC Voltage	60m/600mV	±(0.5% + 5d)	60m/600mV	±(0.5% + 5d)
	6/60/600V	±(0.8% + 3d)	6/60/600V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	60m/600mV	±(1.0% + 5d)	60m/600mV	±(1.0% + 5d)
	6/60/600V	±(0.8% + 5d)	6/60/600V	±(0.8% + 5d)
	1000V	±(1.0% + 5d)	750V	±(1.0% + 5d)
DC Current	600uA	±(1.0% + 5d)	600uA	±(1.0% + 5d)
	600u/6000u/60m/600mA	±(0.8% + 5d)	600u/6000u/60m/600mA	±(0.8% + 5d)
	6/20A	±(1.0% + 10d)	6/10A	±(1.0% + 10d)
AC Current	6u/60m/600mA	±(2.5% + 5d)	600u/6000u/60m/600mA	±(2.5% + 5d)
	6/20A	±(2.5% + 10d)	6/10A	±(2.5% + 10d)
Resistance	600/6k/60k/600k/6MΩ	±(0.8% + 5d)	600/6k/60K/600k/6MΩ	±(0.8% + 5d)
	60MΩ	±(1.2% + 15d)	60MΩ	±(1.2% + 15d)
Capacitance	60nF	±(4.0% + 25d)	60nF	±(4.0% + 25d)
	600n/6u/60u/600uF	±(4.0% + 15d)	600n/6u/60u/600uF	±(4.0% + 15d)
	6m/60mF	±(10% + 5d)	6m/60mF	±(10.0% + 5d)
Frequency	10/100/1k/10k/100k/1M/20MHz	±(0.1% + 2d)	10/100/1k/10k/100k/1M/20MHz	±(0.1% + 2d)
Duty Cycle	1%~99%	±(1.2% + 3d)	1%~99%	±(1.2% + 3d)
Temperature (°C)	-20°C~1000°C	±(2.0% + 3d)	-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)	-4°F~1832°F	±(2.0% + 3d)	-4°F~1832°F	±(2.0% + 3d)
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Bluetooth			●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 1000V / CAT IV 600V		CAT III 1000V / CAT IV 600V	
Battery Type	1.5V(AA)×2		1.5V(AA)×2	
Display	60.5×36.5cm		60.5×36.5cm	
Product Size	185×88×54cm		185×88×54cm	
Product Weight	355g		355g	
CTN Size	46×31×34.5cm		46×31×34.5cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12kg/13kg		12kg/13kg	



HK78N



HK78BT

HK78A+/HK78B+

2,000 counts TRMS manual range digital multimeter

Specifications	HK78A+		HK78B+	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	2/20/200V	±(0.8% + 3d)	2/20/200V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	2/20/200V	±(1.0% + 5d)	2/20/200V	±(1.0% + 5d)
	750V	±(1.2% + 5d)	750V	±(1.2% + 5d)
DC Current	2m/20m/200mA	±(1.0% + 5d)	2m/200mA	±(1.0% + 5d)
	10A	±(1.5% + 10d)	10A	±(1.5% + 10d)
AC Current	2m/200mA	±(1.5% + 5d)	2m/200mA	±(1.5% + 5d)
	10A	±(1.8% + 15d)	10A	±(1.8% + 15d)
Resistance	200/20K/200k/2MΩ	±(0.8% + 5d)	200/20K/200k/2MΩ	±(0.8% + 5d)
	200MΩ	±(5.0% + 10d)-10d	200MΩ	±(5.0% + 10d)
Capacitance	2nF	±(3.0% + 15d)	2nF	±(3.0% + 15d)
	20n/200n/2uF	±(2.5% + 15d)	20n/200n/2uF	±(2.5% + 15d)
	200uF	±(3.0% + 20d)	200uF	±(3.0% + 20d)
Frequency			200kHz	±(1.5% + 10d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Express function				
True RMS	●		●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Light Emitting Diode	●		●	
Transistor hFE	●		●	
Flashlight	●		●	
Live Wire Recognition	●			
Data Hold	●		●	
Relative Mode			●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	6F22 9V		6F22 9V	
Display	60.5×36.5cm		60.5×36.5cm	
Product Size	185×88×54cm		185×88×54cm	
Product Weight	355g		355g	
CTN Size	46×31×34.5cm		46×31×34.5cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12kg/13kg		12kg/13kg	



HK78A+



HK78B+



HK78A PRO/HK78B PRO

4,000 counts TRMS manual range digital multimeter

Specifications	HK78A PRO		HK78B PRO	
	Range	Accuracy	Range	Accuracy
DC Voltage	400m/4/40/400V	±(0.5% + 2d)	400m/4/40/400V	±(0.5% + 2d)
	1000V	±(0.7% + 10d)	1000V	±(0.7% + 10d)
AC Voltage	4/40/400V	±(0.8% + 3d)	4/40/400V	±(0.8% + 3d)
	750V	±(1.0% + 5d)	750V	±(1.0% + 5d)
DC Current	40uA/400uA	±(1.0% + 5d)	400uA	±(1.0% + 5d)
	4m/40m/400mA	±(0.8% + 5d)	4m/40m/400mA	±(0.8% + 5d)
	20A	±(1.0% + 10d)	20A	±(1.0% + 10d)
AC Current	40m/400mA	±(1.5% + 5d)	40m/400mA	±(1.5% + 5d)
	20A	±(1.0% + 10d)	20A	±(1.0% + 10d)
Resistance	400/4k/40k/400k/4MΩ	±(0.8% + 3d)	400/4k/40k/400k/4MΩ	±(0.8% + 3d)
	40MΩ	±(1.0% + 25d)	40MΩ	±(1.0% + 25d)
Capacitance	10nF	±(4.0% + 25d)	10nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
	1m/40mF	±(10% + 5d)	1m/40mF	±(10% + 5d)
Frequency	1/10/100/1kHz	±(0.1% + 2d)	1/10/100/1kHz	±(0.1% + 2d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			0°F~1832°F	±(2.0% + 3d)
Express function				
True RMS	●		●	
Display Count	3999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	1.5V(AA)×2		1.5V(AA)×2	
Display	60.5×36.5cm		60.5×36.5cm	
Product Size	185×88×54cm		185×88×54cm	
Product Weight	355g		355g	
CTN Size	46×31×34.5cm		46×31×34.5cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12kg/13kg		12kg/13kg	



HK78A PRO



HK78B PRO



HK78C/HK78D

6,000 counts TRMS manual range digital multimeter

Specifications	HK78C		HK78D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 2d)	600mV	±(0.5% + 2d)
	6/60/600V	±(0.5% + 2d)	6/60/600V	±(0.5% + 2d)
	1000V	±(0.7% + 10d)	1000V	±(0.7% + 10d)
AC Voltage	6/60/600V	±(0.8% + 3d)	6/60/600V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
DC Current	600uA	±(1.0% + 5d)	600uA	±(1.0% + 5d)
	6000u/60m/600mA	±(0.8% + 5d)	6000u/60m/600mA	±(0.8% + 5d)
	6/20A	±(1.0% + 10d)	6/20A	±(1.0% + 10d)
AC Current	60m/600mA	±(1.5% + 5d)	60m/600mA	±(1.5% + 5d)
	60m/20A	±(1.8% + 15d)	60m/20A	±(1.8% + 15d)
Resistance	600/6k/60k/600k/6MΩ	±(0.8% + 3d)	600/6k/60k/600k/6MΩ	±(0.8% + 3d)
	60MΩ	±(1.0% + 25d)	60MΩ	±(1.0% + 25d)
Capacitance	10nF	±(4.0% + 25d)	10nF	±(4.0% + 25d)
	100nF~100uF	±(4.0% + 15d)	100nF~100uF	±(4.0% + 15d)
	1mF~60mF	±(10% + 5d)	1mF~60mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/20MHz	±(0.1% + 2d)	10/100/1k/10k/100k/1M/20MHz	±(0.1% + 2d)
Duty Cycle	0.1%~99.9%	±(1.2% + 3d)	0.1%~99.9%	±(1.2% + 3d)
Temperature (°C)	-20°C~1000°C	±(2.0% + 3d)		
Temperature (°F)	0°F~1832°F	±(2.0% + 3d)		
Square Wave Output	2000Hz	Vp-p>1.5V	2000Hz	Vp-p>1.5V
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●			
NCV	●		●	
Live Wire Recognition	●		●	
Analog Bar Display	●		●	
LoZ AC/DC	600V		600V	
V.F.C	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	1.5V(AA)×2		1.5V(AA)×2	
Display	60.5×36.5cm		60.5×36.5cm	
Product Size	185×88×54mm		185×88×54mm	
Product Weight	355g		355g	
CTN Size	46×31×34.5cm		46×31×34.5cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12kg/13kg		12kg/13kg	



HK78C



HK78D



HK68A/HK68B

4,000 counts TRMS auto range digital multimeter

HK68 series are CAT III 1000V auto ranged true RMS multimeters with a wide variety of features, including: temperature (HK68B/C), transistor hFE (HK68A), NCV, Live wire test, capacitance, and frequency test. HC68C can also connect to PC through USB for data record and analysis. This series offers full range overload protection for enhanced safety, reliability, and multimeter longevity.

Specifications	HK68A		HK68B	
	Range	Accuracy	Range	Accuracy
DC Voltage	40/400mV	±(0.5% + 3d)	60/600mV	±(0.5% + 3d)
	4/40/400V	±(0.8% + 3d)	6/60/600V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	40mV	±(1.0% + 20d)	60mV	±(1.0% + 20d)
	400mV	±(1.0% + 5d)	600mV	±(1.0% + 5d)
	4/40/400V	±(0.8% + 5d)	6/60/600V	±(0.8% + 5d)
	750V	±(1.0% + 5d)	750V	±(1.0% + 5d)
DC Current	400u/4000uA	±(1.0% + 5d)	600u/6000uA	±(1.0% + 5d)
	40m/400mA	±(0.8% + 5d)	60m/600mA	±(0.8% + 5d)
	4/10A	±(1.0% + 10d)	6/10A	±(1.0% + 10d)
AC Current	400u/4000uA	±(1.2% + 5d)	600u/6000uA	±(1.2% + 5d)
	40m/400mA	±(1.5% + 5d)	60m/600mA	±(1.5% + 5d)
	4/10A	±(1.8% + 5d)	6/10A	±(1.8% + 5d)
Resistance	400/4k/40K/400k/4MΩ	±(0.8% + 5d)	600/6k/60K/600k/6MΩ	±(0.8% + 5d)
	40MΩ	±(1.2% + 15d)	60MΩ	±(1.2% + 15d)
Capacitance	10F	±(4.0% + 25d)	10F	±(4.0% + 25d)
	100nF~100uF	±(4.0% + 15d)	100nF~100uF	±(4.0% + 15d)
	1mF	±(10.0% + 5d)	1mF	±(10.0% + 5d)
Frequency	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	1%~99%	±(1.2% + 3d)	1%~99%	±(1.2% + 3d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			-4°F~1832°F	±(3.0% + 3d)
Express function				
True RMS	●		●	
Display Count	3999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●			
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	6F22 9V		6F22 9V	
Display	58×32cm		58×32cm	
Product Size	200×92×60mm		200×92×60mm	
Product Weight	350g		350g	
Ctn Size	45×33×34cm		45×33×34cm	
Q'ty/Ctn	20pcs		20pcs	
NW/GW	11.8kg/12.8kg		11.8kg/12.8kg	



HK68A



HK68B



HK68C/HK56D

TRMS industrial digital multimeter

Specifications	HK68C		HK56D	
	Range	Accuracy	Range	Accuracy
DC Voltage	60/600mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	6/60/600V	±(0.8% + 3d)	2/20/200V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	60mV	±(1.0% + 20d)	200m/2/20/200V	±(1.0% + 5d)
	600mV	±(1.0% + 5d)	750V	±(1.2% + 5d)
	6/60/600V	±(0.8% + 5d)		
	750V	±(1.0% + 5d)		
DC Current	600u/6000uA	±(1.0% + 5d)	200u/2m/20m/200mA	±(1.0% + 5d)
	60m/600mA	±(0.8% + 5d)	2/20A	±(1.5% + 10d)
	6/10A	±(1.0% + 10d)		
AC Current	600u/6000uA	±(1.2% + 5d)	200uA	±(1.2% + 5d)
	60m/600mA	±(1.5% + 5d)	2m/20m/200mA	±(1.5% + 5d)
	6/10A	±(1.8% + 5d)	2/20A	±(1.8% + 15d)
Resistance	600/6k/60k/600k/6MΩ	±(0.8% + 5d)	200/2k/20k/200k/2MΩ	±(0.8% + 5d)
	60MΩ	±(1.2% + 15d)	20MΩ	±(1.0% + 10d)
			200MΩ	±(5.0% + 10d)
Capacitance	10F	±(4.0% + 25d)	10F	±(4.0% + 25d)
	100nF~100uF	±(4.0% + 15d)	100nF~100uF	±(4.0% + 15d)
	1mF	±(10.0% + 5d)	1mF	±(10.0% + 5d)
Inductance			2m/20mH	±(3.0% + 15d)
			200mH	±(3.5% + 5d)
			2/20H	±(3.5% + 20d)
Frequency	10/100/1k /10k/100k/1M/10MHz	±(0.5% +2d)	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	1%~99%	±(1.2% +3d)	1%~99%	±(1.2% + 3d)
Temperature (°C)	-20°C~1000°C	±(2.0% + 3d)	-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)	-4°F~1832°F	±(2.0% + 3d)	-4°F~1832°F	±(2.0% + 3d)
Express function				
True RMS	●		●	
Display Count	5999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●			
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Manual	
PC-Link (USB)	●			
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	6F22 9V		6F22 9V	
Display	58×32cm		58×32cm	
Product Size	200×92×60mm		200×92×60mm	
Product Weight	350g		350g	
Ctn Size	45×33×34cm		45×33×34cm	
Q'ty/Ctn	20pcs		20pcs	
NW/GW	11.8kg/12.8kg		11.8kg/12.8kg	



HK68C



HK56D

HK68G

6,000 counts TRMS digital multimeter

Specifications	HK68G	
	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% +3d)
	1000V	±(0.8% + 5d)
	2000V	±(2.0% +2d)
AC Voltage	600mV	±(0.8% + 3d)
	6/60/600V	±(0.8% +3d)
	1000V	±(1% + 5d)
	2000V	±(2.0% +5d)
DC Current	600u/6000u/60m/600mA	±(1.0% + 3d)
AC Current	600u/6000u/60m/600mA	±(1.0% + 5d)
	600A	±(2.5% + 5d)
Resistance	600Ω	±(0.8% + 3d)
	6k/60k/600k/6MΩ	±(0.8% + 3d)
	60MΩ	±(1.0% +5d)
Capacitance	60n/600n/6u/60u/600uF	±(3.5% + 5d)
	6m/60mF	±(10% + 5d)
Frequency	1/10/100/1k/10k/100k/1M/10MHz	±(0.1% +4d)
Duty Cycle	1%~99%	±(2.0% + 5d)
Temperature (°C)	-50°C~0°C	±4
	0°C~300°C	±(1.0% + 3d)
	300°C~1300°C	±(2.0% + 3d)
Temperature (°F)	-58°F~32°F	±6
	32°F~572°F	±(1.0% +4d)
	572°F~1832°F	±(2.0% + 5d)
Express function		
True RMS	●	
Display Count	5999	
Diode test	●	
Continuity Buzzer	●	
NCV	●	
LCD Backlight	●	
MAX/MIN	●	
Data Hold	●	
Relative Mode	●	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT rating	CAT III 1000V CAT IV 600V	
Battery Type	6F22 9V	
Product Size	200×92×60mm	
Product Weight	350g	
CTN Size	45×33×34cm	
Q'ty/CTN	20pcs	
NW/GW	11.8kg/12.8kg	



HK68G

HK56A/HK56B

2,000 counts manual range digital multimeter with 20A

HK56 series multimeters offer unique large current measurement up to 20A for a maximum of 10 seconds for every 15 minute interval (HK56A/B/E). Additional features include large resistance measurement up to 200MΩ, inductance measure- ment up to 20H (HK56D/E), temperature measurement (HK56B/D/E), transistor hFE test (HK56A/B), NCV and live wire test (HK56D/E). HK56' s 20A large current measure- ment enables these multimeters to perform current measurements on higher power systems. It is important to note that when measuring such high currents, proper safety precautions and appropriate measurement techniques must be employed to ensure accurate readings and user safety.

Specifications	HK56A		HK56B	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	2/20/200V	±(0.8% + 3d)	2/20/200V	±(0.8% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	2/20/200V	±(0.8% + 3d)	200mV	±(1.0% + 5d)
	750V	±(1.2% + 5d)	2/20/200V	±(1.0% + 5d)
			750V	±(1.2% + 5d)
DC Current	20u/200u/2m/20m/200mA	±(1.0% + 5d)	2m/20m/200mA	±(1.0% + 5d)
	20A	±(1.5% + 10d)	20A	±(1.5% + 10d)
AC Current	200uA	±(1.2% + 5d)	2m/20m/200mA	±(1.5% + 5d)
	2m/20m/200mA	±(1.5% + 5d)	20A	±(1.8% + 15d)
	20A	±(2.5% + 10d)		
Resistance	200/2k/20K/200k/2MΩ	±(0.8% + 5d)	200/2k/20K/200k/2MΩ	±(0.8% + 5d)
	20MΩ	±(1.0% + 10d)	20MΩ	±(1.0% + 10d)
	200MΩ	±(5.0% + 10d)-10d	200MΩ	±(5.0% + 10d)-10d
Capacitance			200p/2nF	±(3.0% + 15d)
			20n/200n/2uF	±(2.5% + 15d)
			20uF	±(3.0% + 15d)
			200uF	±(3.0% + 20d)
Frequency			2k/200kHz	±(1.5% + 10d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			-4°F~1832°F	±(2.0% + 3d)
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	6F22 9V		6F22 9V	
Display	58×32cm		58×32cm	
Product Size	200×92×60mm		200×92×60mm	
Product Weight	350g		350g	
Ctn Size	45×33×34cm		45×33×34cm	
Q'ty/Ctn	20pcs		20pcs	
NW/GW	11.8kg/12.8kg		11.8kg/12.8kg	



HK56A



HK56B

HK88A/HK88B

4,000 counts TRMS auto range digital multimeter with EBTN display

HK88 series are ideal multimeters for electronics design. These multimeters includes a wide range of features including: frequency and capacitance (HK88A/B/C), temperature (HK88B/C/E), LoZ low impedance measurement to prevent false readings due to ghost voltage (HK88A/B/C), square wave output (HK88B/C), NCV and line test (HK88A/B/C), and dwell/tach measurement for 3/4/5/6/8 cylinder engines (HK88E). HK88 series also have the option of using EBTN screen suitable for dark environments.

Specifications	HK88A		HK88B	
	Range	Accuracy	Range	Accuracy
DC Voltage	400m/4/40/400V	±(0.5% + 3d)	600m/4/4V	±(0.5% + 3d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
AC Voltage	4/40/400/600V	±(1.0% + 5d)	6/60/600V	±(1.0% + 5d)
	400u/4000u/40mA	±(1.0% + 5d)	600u/6000u/60mA	±(1.0% + 5d)
DC Current	400mA	±(2.0% + 5d)	600mA	±(2.0% + 5d)
	4/10A	±(3.0% + 5d)	6/10A	±(3.0% + 5d)
AC Current	400u/4000u/40mA	±(1.8% + 5d)	600u/6000u/60mA	±(1.8% + 5d)
	400mA	±(2.5% + 5d)	600mA	±(2.5% + 5d)
	4/10A	±(3.0% + 5d)	6/10A	±(3.0% + 5d)
Resistance	400/4k/40k/400k/4MΩ	±(1.0% + 5d)	600/6k/60k/600k/6MΩ	±(1.0% + 5d)
	40MΩ	±(1.2% + 8d)	60MΩ	±(1.2% + 8d)
Capacitance	40nF	±(4.0% + 25d)	60nF	±(4.0% + 25d)
	400n/4u/40u/400uF	±(4.0% + 15d)	600n/6u/60u/600uF	±(4.0% + 15d)
	4m/40mF	±(5.0% + 25d)	6m/60mF	±(10% + 5d)
Frequency	4/40/400/4k /40k/400k/4M/10MHz	±(0.5% +4d)	60/600/6k/60k/600k/6M/10MHz	±(0.5% + 4d)
Temperature (°C)	0~50°C	±3d	-20°C~0°C	±4°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	32°F~122°F	±4d	-4°F~50°F	±5°F
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)
Square wave output			50/100/200/300/400/500/600/700/800/900/1k/2k/4k5kHz	±(0.1% + 5d)

Express function		
True RMS	●	●
Display Count	3999	5999
Diode Test	●	●
Continuity Buzzer	●	●
NCV	●	●
Live Wire Recognition	●	●
Analog Bar Display	●	●
LoZ AC / DC	●	●
V.F.C		●
LCD Display	EBTN	EBTN
MAX/MIN	●	●
Data Hold	●	●
Relative mode	●	●
Auto Power Off	●	●
Fused Alarm(FUSED)	●	●
Range Selection	Auto	Auto
General Features		
CAT Rating	CAT III 600V	CAT III 600V
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2
Product Size	155×72×45mm	155×72×45mm
Product Weight	254g	254g
CTN Size	52.5×34.5×40.5mm	52.5×34.5×40.5mm
Q'ty/CTN	48pcs	48pcs
NW/GW	18.3kg/19kg	18.3kg/19kg



HK88A



HK88B

HK88C/HK88D

TRMS auto range digital multimeter with EBTN display

Specifications	HK88C		HK88D	
	Range	Accuracy	Range	Accuracy
DC Voltage	999.9m/9.999/99.99V	±(0.5% + 3d)	600m/6/60V	±(0.5% + 3d)
	600V	±(0.8% + 5d)	600V	±(0.5% + 3d)
AC Voltage	9.999/99.99/600.0V	±(1.0% + 5d)	600m/6/60V	±(0.8% + 3d)
			600V	±(0.8% + 3d)
DC Current	999.9u/9999u/ 9.999m/99.99mA	±(1.0% + 5d)	6/10A	±(1.0% + 3d)
	999.9mA	±(2.0% + 5d)		
	10A	±(3.0% + 5d)		
AC Current	999.9u/9999u/ 9.999m/99.99mA	±(1.8% + 5d)	6/10A	±(1.0% + 5d)
	999.9mA	±(2.0% + 5d)		
	10A	±(3.0% + 5d)		
Resistance	999.9/9.999k/ 99.99k/999.9kΩ	±(1.0% + 5d)	600/6k/60k/600k/ 6MΩ	±(0.8% + 3d)
	9.999MΩ	±(1.2% + 8d)	60MΩ	±(1.0% + 5d)
	99.99MΩ	±(5.0% + 10d)		
Capacitance	10nF	±(4.0% + 25d)	6nF/60nF	±(3.5% + 5d)
	100n/1u/10u/100uF	±(4.0% + 15d)	600n/6u/60u/600uF	±(3.5% + 5d)
Frequency	1m/60mF	±(10% + 5d)	6m/60mF	±(10% + 5d)
	10/100/1k/10k/ 100k/1M/10MHz	±(0.5% + 4d)	1/10/100/1k/10k/ 100k/1M/10MHz	±(0.1% + 4d)
Temperature (°C)	-20°C~0°C	±4°C	-20°C~0°C	±4°C
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(1.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(2.0% + 3d)
Temperature (°F)	-4°F~50°F	±5°F	-4°F~50°F	±6°F
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(1.0% + 4d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(2.0% + 5d)
Square wave output	50/100/200/300/400/ 500/600/700/800/ 900/1k/2k/4k5kHz	±(0.1% + 5d)		

Express function		
True RMS	●	●
Display Count	9999	5999
Diode Test	●	●
Continuity Buzzer	●	●
NCV	●	●
Live Wire Recognition	●	●
Analog Bar Display	●	●
LoZ AC / DC	●	
V.F.C	●	●
LCD Display	EBTN	Graphical
MAX/MIN	●	●
Data Hold	●	●
Relative mode	●	●
Auto Power Off	●	●
Fused Alarm(FUSED)	●	●
Range Selection	Auto	Smart/Auto
General Features		
CAT Rating	CAT III 600V	CAT III 600V
Battery Type	1.5V(AAA)×2	3.7V(AAA)Li-ion rechargeable×2
Display	51.5×40mm	51.5×40mm
Product Size	155×72×45mm	155×72×45mm
Product Weight	254g	254g
CTN Size	52.5×34.5×40.5mm	52.5×34.5×40.5mm
Q'ty/CTN	48pcs	48pcs
NW/GW	18.3kg/19kg	18.3kg/19kg



CAT III
600V



HK88C



HK88D

HK88PV

Solar MPPT Tester

Specifications	HK88PV		
	Range	Resolution	Accuracy
Open-circuit voltage measurement	12-99.9V	0.1V	±(1.5% + 5d)
	100-150V	1V	±(1.0% + 5d)
Measurement power	5-999.9W	0.1W	5~10W±(1.0% +5d)
			11~500W±(1.0%+10d)
	1000~2200W	1W	501~999.9W ±(1.5% +5d)
Short-circuit current	0-20A	0.1A	±(1.0% +5d)
Input limit	When the input exceeds the product's rated value, the product will restrict entry into the measurement mode, and OL will be displayed at corresponding position!		
Descriptions	1. The Meter is powered by two 1.5V batteries, with a total standby power consumption of ≤50mA (total power consumption with backlight on is about less than 60mA). 2. When measuring power, the Meter can be used as a general DC voltage meter, but the input amplitude must be ≤150V. 3. The specified accuracy of the above specifications is determined under standard light sources.		
Express function			
LCD backlight	●		
MAX	●		
Data Hold	●		
Auto Power Off	●		
Range Selection	SMART/AUTO		
General Features			
CAT Rating	CAT III 150V		
Battery Type	AAA 1.5V×2		
Product Size			
Product Weight			
CTN Size			
Q'ty/CTN			
NW/GW			



CAT III
150V



HK88PV

HK48A/HK48C

2,000 counts auto range digital multimeter

Specifications	HK48A		HK48C	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 2d)	200mV	±(0.5% + 2d)
	2V	±(0.5% + 3d)	2V	±(0.5% + 3d)
	20/200V	±(0.8% + 3d)	20/200V	±(0.8% + 3d)
	500V	±(0.8% + 5d)	500V	±(0.8% + 5d)
AC Voltage	2/20/200/500V	±(1.0% + 10d)	2/20/200/500V	±(1.0% + 10d)
DC Current	200u/2000u/20mA	±(1.0% + 5d)	200u/2000u/20mA	±(1.0% + 5d)
	200mA	±(2.0% + 5d)	200mA	±(2.0% + 5d)
	2/10A	±(3.0% + 5d)	2/10A	±(3.0% + 5d)
AC Current	200u/2000u/20mA	±(1.8% + 5d)	200u/2000u/20mA	±(1.8% + 5d)
	200mA	±(2.5% + 5d)	200mA	±(2.5% + 5d)
	2/10A	±(3.0% + 5d)	2/10A	±(3.0% + 5d)
Resistance	200/2k/20K/200k/2M/20MΩ	±(1.0% + 2d)	200/2k/20K/200k/2M/20MΩ	±(1.0% + 2d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			-4°F~1832°F	±(2.0% + 3d)
Express function				
Display Count	1999		1999	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA) × 2		1.5V (AAA) × 2	
Display	50×26mm		50×26mm	
Product Size	144×70×32mm		144×70×32mm	
Product Weight	200g		200g	
CTN Size	49.5×31×46.5cm		49.5×31×46.5cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	



HK48A

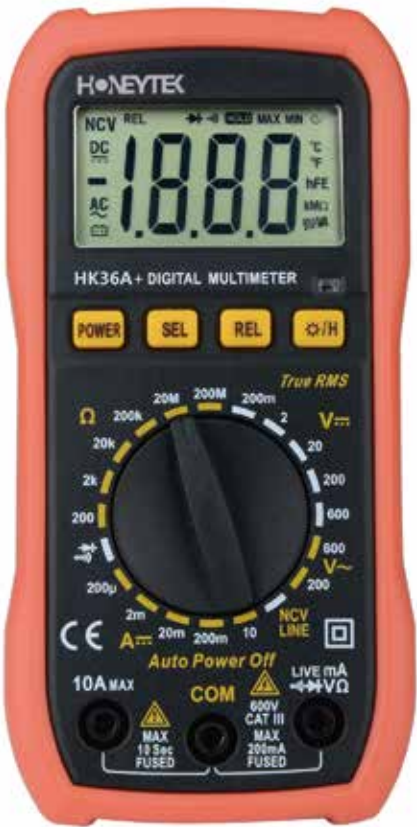


HK48C

HK36A+/HK48D

2,000 counts compact digital multimeter

Specifications	HK36A+		HK48D	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 2d)	200mV	±(0.5% + 2d)
	2V	±(0.5% + 3d)	2V	±(0.5% + 3d)
	20/200V	±(0.8% + 3d)	20/200V	±(0.8% + 3d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
AC Voltage	200V	±(1.0% + 5d)	2/20/200V	±(1.0% + 5d)
	600V	±(1.2% + 5d)	600V	±(1.2% + 5d)
DC Current	200u/2m/20mA	±(1.0% + 5d)	200u/2000u/20mA	±(1.0% + 5d)
	200mA	±(2.0% + 5d)	200mA	±(2.0% + 5d)
	10A	±(3.0% + 5d)	2/10A	±(3.0% + 5d)
AC Current			200u/2000u/20mA	±(1.8% + 3d)
			200mA	±(2.5% + 5d)
			2/10A	±(3.0% + 10d)
Resistance	200Ω	±(1.0% + 8d)	200Ω	±(1.0% + 8d)
	2k/20k/200kΩ	±(2.0% + 2d)	2k/20k/200k/2MΩ	±(2.0% + 2d)
	20MΩ/200MΩ	±(5.0% + 2d)	20MΩ	±(5.0% + 2d)
Frequency			20kHz	±(1.5% + 5d)
Express function				
True RMS	●		●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●			
Live Wire Recognition	●			
LCD Backlight	●		●	
MAX/MIN			MAX	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA) × 2		1.5V (AAA) × 2	
Display	50×26mm		50×26mm	
Product Size	144×70×32mm		144×70×32mm	
Product Weight	200g		200g	
CTN Size	49.5×31×46.5cm		49.5×31×46.5cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	



HK36A+



HK48D

HK48A+/HK48C+

4,000 counts TRMS auto range digital multimeter

Specifications	HK48A+		HK48C+	
	Range	Accuracy	Range	Accuracy
DC Voltage	40mV	± (0.5% + 5d)	40mV	± (0.5% + 5d)
	400mV	± (0.5% + 3d)	400mV	± (0.5% + 3d)
	4/40/400V	± (0.8% + 3d)	4/40/400V	± (0.8% + 3d)
	600V	± (1.0% + 5d)	600V	± (1.0% + 5d)
AC Voltage	40mV	± (1.0% + 20d)	40mV	± (1.0% + 20d)
	400mV	± (1.0% + 10d)	400mV	± (1.0% + 10d)
	4/40/400V	± (0.8% + 3d)	4/40/400V	± (0.8% + 3d)
	600V	± (1.2% + 5d)	600V	± (1.2% + 5d)
DC Current	400u/4000u/40mA	± (1.0% + 5d)	400u/4000u/40mA	± (1.0% + 5d)
	400mA	± (2.0% + 5d)	400mA	± (2.0% + 5d)
	4/10A	± (3.0% + 5d)	4/10A	± (3.0% + 5d)
AC Current	400u/4000u/40mA	± (1.8% + 3d)	400u/4000u/40mA	± (1.8% + 3d)
	400mA	± (2.5% + 5d)	400mA	± (2.5% + 5d)
	4/10A	± (3.0% + 10d)	4/10A	± (3.0% + 10d)
Resistance	400Ω	± (1.2% + 2d)	400Ω	± (1.2% + 2d)
	4k/40k/400kΩ/4MΩ	± (1.0% + 2d)	4k/40k/400kΩ/4MΩ	± (1.0% + 2d)
	40MΩ	± (1.2% + 8d)	40MΩ	± (1.2% + 8d)
Capacitance	40nF	± (4.0% + 25d)	40nF	± (4.0% + 25d)
	400n/4u/40u/400uF	± (4.0% + 15d)	400n/4u/40u/400uF	± (4.0% + 15d)
	4m/40mF	± (5.0% + 25d)	4m/40mF	± (5.0% + 25d)
Frequency	4/40/400/4k /40k/400k/4M/10MHz	± (0.1% + 2d)	4/40/400/4k /40k/400k/4M/10MHz	± (0.1% + 2d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	± (2.0% + 3d)
			400°C~1000°C	± (3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	± (2.0% + 5d)
			750°F~1832°F	± (3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	3999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA) × 2		1.5V (AAA) × 2	
Display	50×26mm		50×26mm	
Product Size	144×70×32mm		144×70×32mm	
Product Weight	200g		200g	
CTN Size	49.5×31×46.5cm		49.5×31×46.5cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	



HK48A+



HK48C+

HK36A/HK36T

2,000 counts manual range digital multimeter

Specifications	HK36A		HK36T	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 2d)	200mV	±(0.5% + 5d)
	2V	±(0.5% + 3d)	2/20/200V	±(0.8% + 3d)
	20/200V	±(0.8% + 3d)	500V	±(1.0% + 3d)
	500V	±(0.8% + 5d)		
AC Voltage	200/500V	±(1.8% + 10d)	200m/2/20/200V	±(0.8% + 3d)
			500V	±(1.2% + 5d)
DC Current	200u/2m/20mA	±(1.0% + 5d)	200u/2000u/20mA	±(1.0% + 5d)
	200mA	±(2.0% + 5d)	200mA	±(2.0% + 5d)
	10A	±(3.0% + 5d)	2/10A	±(2.5% + 5d)
AC Current			200uA	±(1.8% + 3d)
			2000u/20mA	±(1.5% + 5d)
			200mA	±(2.5% + 5d)
			2/10A	±(3.0% + 10d)
Resistance	200/2k/20K/200k/2MΩ	±(1.0% + 2d)	200Ω	±(1.2% + 2d)
			2k/20k/200k/2MΩ	±(1.0% + 2d)
			20MΩ	±(1.2% + 8d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			-4°F~1832°F	±(3.0% + 3d)
Square Wave Output	50Hz / 5V	±10Hz		
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Auto Back-Light	●			
MAX/MIN			MAX	
Data Hold	●		●	
Auto Power Off			●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	6F22 9V		6F22 9V	
Display	50×26mm		50×26mm	
Product Size	144×70×32mm		144×70×32mm	
Product Weight	200g		200g	
CTN Size	49.5×31×46.5cm		49.5×31×46.5cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	



HK36A



HK36T

HK33A/HK33B

TRMS compact size manual range digital multimeter

Specifications	HK33A		HK33B	
	Range	Accuracy	Range	Accuracy
DC Voltage	200m/2V	±(0.5% + 3d)	20mV	±(1.0% + 5d)
	20/200V	±(0.8% + 3d)	200m/2V	±(0.5% + 3d)
			20/200V	±(0.8% + 3d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
AC Voltage	200m/2/20/200/600V	±(1.0% + 10d)	200m/2/20/200/600V	±(1.0% + 10d)
DC Current	2m/20mA	±(1.0% + 5d)	200u/2000u/20mA	±(1.0% + 5d)
	200m/10A	±(2.0% + 5d)	200m/2/10A	±(2.0% + 5d)
AC Current	2m/20mA	±(1.8% + 5d)	200u/2000u/20mA	±(1.8% + 5d)
	200m/10A	±(2.0% + 5d)	200m/2/10A	±(2.0% + 5d)
Resistance	200/2k/20k/200k/2MΩ	±(1.0% + 5d)	200/2k/20k/200k/2MΩ	±(1.0% + 8d)
	200MΩ	±(5.0% + 10d)	20MΩ	±(1.2% + 8d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Battery Test	1.5V/3V/9V		1.5V/3V/9V	
Relative mode			●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Display	53×31.5mm		53×31.5mm	
Product Size	150×75×36mm		150×75×36mm	
Product Weight	300g		300g	
CTN Size	43×37×38.5cm		43×37×38.5cm	
Q'ty/CTN	36pcs		36pcs	
NW/GW	16.5kg/17.5kg		16.5kg/17.5kg	



HK33A



HK33B



HK33C/HK33D

TRMS compact size auto range digital multimeter

Specifications	HK33C		HK33D	
	Range	Accuracy	Range	Accuracy
DC Voltage	400m/4V	±(0.5%+3d)	600m/6V	±(0.5%+3d)
	40/400V	±(0.8%+3d)	60V	±(0.8%+3d)
	600V	±(0.8%+5d)	600V	±(0.8%+5d)
AC Voltage	4/40/400/600V	±(1.0%+10d)	6/60/600V	±(1.0%+10d)
DC Current	400u/4000u/40mA	±(1.0%+5d)	600u/6000u/60mA	±(1.0%+5d)
	400m/4/10A	±(2.0%+5d)	600m/6/10A	±(2.0%+5d)
AC Current	400u/4000u/40mA	±(1.8%+5d)	600u/6000u/60mA	±(1.8%+5d)
	400m/4/10A	±(2.0%+5d)	600m/6/10A	±(2.0%+5d)
Resistance	400/4k/40k/400k/4MΩ	±(1.0%+5d)	600/6k/60k/600k/6MΩ	±(1.0%+5d)
	40MΩ	±(1.2%+8d)	60MΩ	±(1.2%+8d)
Capacitance	60nF	±(4.0%+25d)	60nF	±(4.0%+25d)
	600n/6u/60u/600uF	±(4.0%+15d)	600n/6u/60u/600uF	±(4.0%+15d)
	6m/60m/100mF	±(10%+5d)	6m/60m/100mF	±(10%+5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.5%+4d)	10/100/1k/10k/100k/1M/10MHz	±(0.5%+4d)
Duty Cycle	0.1%~99.9%	±(1.2%+3d)	0.1%~99.9%	±(1.2%+3d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	±(2.0%+3d)
			400°C~1000°C	±(3.0%+3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0%+5d)
			750°F~1832°F	±(3.0%+5d)
Express function				
True RMS	●		●	
Display Count	3999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		EBTN	
MAX/MIN	●		●	
Data Hold	●		●	
Battery Test	1.5V/3V/9V			
Relative mode			●	
Auto Power Off	●		●	
Range Selection	Auto		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Display	53×31.5mm		53×31.5mm	
Product Size	150×75×36mm		150×75×36mm	
Product Weight	300g		300g	
CTN Size	43×37×38.5cm		43×37×38.5cm	
Q'ty/CTN	36pcs		36pcs	
NW/GW	16.5kg/17.5kg		16.5kg/17.5kg	



HK33C



HK33D



HK32/HK32A

2,000 counts palm size manual range multimeter

Specifications	HK32		HK32A	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	2/20/200/600V	±(0.8% + 5d)	2/20/200/600V	±(0.8% + 5d)
AC Voltage	200/600V	±(1.0% + 10d)	20/200/600V	±(1.0% + 10d)
DC Current	200u/2m/20mA	±(1.0% +5d)	2m/20mA	±(1.0% +5d)
	200m/10A	±(2.0% +5d)	200m/10A	±(2.0% +5d)
Resistance	200/2k/20k/200kΩ	±(1.0% + 5d)	200/2k/20k/200kΩ	±(1.0% + 5d)
	20MΩ	±(1.2% + 8d)	20MΩ	±(1.2% +8d)
	200MΩ	±(5.0% + 10d)		
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Battery Test			1.5V/9A	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA)×2		1.5V (AAA)×2	
Display	41.5×22mm		41.5×22mm	
Product Size	133×71×47mm		133×71×47mm	
Product Weight	190g		190g	
CTN Size	46×36×34.5cm		46×36×34.5cm	
Q'ty/CTN	42pcs		42pcs	
NW/GW	15.5kg/16.5kg		15.5kg/16.5kg	



HK32



HK32A

HK32B/HK32T

2,000 counts palm size manual range multimeter

Specifications	HK32B		HK32T	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	2/20/200/600V	±(0.8% + 5d)	20/600V	±(0.8% + 5d)
AC Voltage	200/600V	±(1.0% +10d)	200m/20/600V	±(1.0% +10d)
DC Current	20mA	±(1.0% +5d)	200u/20mA	±(1.0% +5d)
	200m/10A	±(2.0% +5d)	200m/10A	±(2.0% +5d)
AC Current			200u/20mA	±(1.8% +5d)
			200m/10A	±(2.5% +5d)
Resistance	200k/20k/200kΩ	±(1.0% +5d)	200k/20k/2MΩ	±(1.0% +5d)
	20MΩ	±(1.2% +8d)	200MΩ	±(5.0% +10d)
Capacitance			20n/2uF	±(2.5% +15d)
			200uF	±(3.0% +20d)
Frequency			2/20/200/2kHz	±(1.5% +5d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	±(2.0% +3d)
			400°C~1000°C	±(3.0% +3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0% +5d)
			750°F~1832°F	±(3.0% +5d)
Express function				
True RMS			●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●			
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Battery Test			1.5V/9V	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Display	41.5×22mm		41.5×22mm	
Product Size	133×71×47mm		133×71×47mm	
Product Weight	190g		190g	
CTN Size	46×36×34.5cm		46×36×34.5cm	
Q'ty/CTN	42pcs		42pcs	
NW/GW	15.5kg/16.5kg		15.5kg/16.5kg	



HK32B



HK32T

HK39A/HK39C

TRMS pocket type auto range digital multimeter

Specifications	HK39A		HK39C	
	Range	Accuracy	Range	Accuracy
DC Voltage	600V	±(0.8% + 5d)	200m/2/20/200V	±(0.5% + 3d)
			600V	±(0.8% + 5d)
AC Voltage	600V	±(1.2% + 5d)	2/20/200V	±(1.0% + 3d)
			600V	±(1.2% + 5d)
Resistance	2kΩ	±(1.0% + 5d)	200/2k/20k/200k/2MΩ	±(1.0% + 5d)
			20MΩ	±(1.2% + 8d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS			●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition			●	
LCD Backlight	●		●	
Data Hold	●		●	
Battery Test	1.5V/9A		1.5V/9A	
Auto Power Off	●		●	
Range Selection	Manual		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA) × 2		1.5V (AAA) × 2	
Product Size	119 × 65 × 30mm		119 × 65 × 30mm	
Product Weight	130g		130g	
CTN Size	47 × 31.5 × 34.7cm		47 × 31.5 × 34.7cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	17.5kg/18.5kg		17.5kg/18.5kg	



HK39A



HK39C

HK39D/HK39F

TRMS pocket type auto range digital multimeter

Specifications	HK39D		HK39F	
	Range	Accuracy	Range	Accuracy
DC Voltage	40m/400m/4/40/400V	±(0.5% + 3d)	60m/600m/6/60V	±(0.5% + 5d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
AC Voltage	40m/400m/4/40/400V	±(1.0% + 3d)	60m/600m/6/60V	±(1.0% + 3d)
	600V	±(1.2% + 5d)	600V	±(1.2% + 5d)
DC Current	400u/4000u/40mA	±(1.0% + 5d)	600u/6000u/60mA	±(1.0% + 5d)
	400mA	±(2.0% + 5d)	600mA	±(2.0% + 5d)
AC Current	400u/4000u/40mA	±(1.5% + 5d)	600u/6000u/60mA	±(1.5% + 5d)
	400mA	±(2.0% + 5d)	600mA	±(2.5% + 5d)
			600A(by current clamp)	±(2.5% + 5d)
Resistance	400/4k/40k/400k/4MΩ	±(1.0% + 5d)	600/6k/60k/600k/6MΩ	±(1.0% + 5d)
	40MΩ	±(1.2% + 8d)	60MΩ	±(1.2% + 8d)
Capacitance	4n/40nF	±(4.0% + 25d)	1n/10nF	±(4.0% + 25d)
	400n/4u/40u/400uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
	4m/40mF	±(5.0% + 25d)	1m/60mF	±(5.0% + 25d)
Frequency	10/100/1k/10kHz	±(0.5% + 2d)	10/100/1k/10kHz	±(0.5% + 2d)
Duty Cycle			0.1%~99.9%	±(1.2% + 3d)
Temperature (°C)	-20°C~0°C	±4°C		
	0°C~400°C	±(2.0% + 3d)		
	400°C~1000°C	±(3.0% + 3d)		
Temperature (°F)	-4°F~50°F	±5°F		
	50°F~750°F	±(2.0% + 5d)		
	750°F~1832°F	±(3.0% + 5d)		
Express function				
True RMS	●		●	
Display Count	4000		6000	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Battery Test	1.5V		1.5V	
Auto Power Off	●		●	
Range Selection	Auto		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA) × 2		1.5V (AAA) × 2	
Product Size	119 × 65 × 30mm		119 × 65 × 30mm	
Product Weight	130g		130g	
CTN Size	47 × 31.5 × 34.7cm		47 × 31.5 × 34.7cm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	17.5kg/18.5kg		17.5kg/18.5kg	



HK39D



HK39F

CModel:HK19 Current Clamp Probe-Optional			Jaw Opening	φ30mm
			Output	600mV/600A (AC)
				100mV/100A (AC)
				10mV/10A (AC)
				1mV/1A (AC)
		CAT rating	CAT II 600V CAT III 300V	
		Max Rated Current	AV 20A	
			Application: optional for digital multimeter models	

HK39E/HK39G/HK39H

CEFCETLUSIntertek5021823CAT III600V

TRMS smart pocket type auto range digital multimeter



HK39E



HK39G



HK39H

Specifications	HK39E		HK39G		HK39H	
	Range	Accuracy	Range	Accuracy	Range	Accuracy
DC Voltage	2/20/200V	±(0.5% + 3d)	4/40/400V	±(0.5% + 3d)	6/60V	±(0.5% + 3d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
AC Voltage	2/20/200V	±(1.0% + 3d)	4/40/400V	±(1.0% + 3d)	6/60V	±(1.0% + 3d)
	600V	±(1.2% + 5d)	600V	±(1.2% + 5d)	600V	±(1.2% + 5d)
DC Current					600u/6000u/60mA	±(1.0% + 5d)
					600mA	±(2.0% + 5d)
AC Current					600u/6000u/60mA	±(1.5% + 5d)
					600mA	±(2.5% + 5d)
Resistance	2k/20k//200k/2MΩ	±(1.0% + 5d)	4k/40k/400k/4MΩ	±(1.0% + 5d)	6k/60k/600k/6MΩ	±(1.0% + 5d)
	20MΩ	±(1.2% + 8d)	40MΩ	±(1.2% + 8d)	60MΩ	±(1.2% + 8d)
Capacitance			1n/10nF	±(4.0% + 25d)	1n/10nF	±(4.0% + 25d)
			100n/1u/10u/100uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
			1m/10mF	±(5.0% + 25d)	1m/60mF	±(5.0% + 25d)
Frequency			10/100/1k/10k/100k/1M/10MHz	±(0.5% +4d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 4d)
Duty Cycle					0.1%~99.9%	±(1.2% + 3d)
Express function						
True RMS	●		●		●	
Display Count	1999		3999		5999	
Diode Test	●		●		●	
Continuity Buzzer	●		●		●	
Flashlight	●		●		●	
NCV	●		●		●	
Live Wire Recognition	●		●		●	
LCD Backlight	●		●		●	
Data Hold	●		●		●	
Battery Test	1.5V/9A		1.5V/9A		1.5V/9A	
Auto Power Off	●		●		●	
Range Selection	SMART/AUTO		SMART/AUTO		SMART/AUTO	
General Features						
CAT Rating	CAT III 600V		CAT III 600V		CAT III 600V	
Battery Type	1.5V (AAA)×2		1.5V (AAA)×2		1.5V (AAA)×2	
Product Size	119×65×30mm		119×65×30mm		119×65×30mm	
Product Weight	130g		130g		130g	
CTN Size	47×31.5×34.7cm		47×31.5×34.7cm		47×31.5×34.7cm	
Q'ty/CTN	60pcs		60pcs		60pcs	
NW/GW	17.5kg/18.5kg		17.5kg/18.5kg		17.5kg/18.5kg	

HK39B

2,000 counts battery tester

HK39B		
Battery Type	Load current	Good indication minimum voltage
BUTTON CELL 1.5V	1mA	1.125V
AAA-N-1.5V	50mA	1.125V
AA-C-D-1.5V	150mA	1.125V
LITHUM 3V	100mA	2.25V
6V	10mA	4.5V
9V	10mA	6.75V
12V	10mA	9.00V
15V	10mA	11.25V
22.5V	10mA	16.8V
Express function		
Display Count	1999	
Flashlight	●	
LCD Backlight	●	
Data Hold	●	
Auto Power Off	●	
Range Selection	Manual	
General Features		
Battery Type	1.5V (AAA) × 2	
Display	42.5 × 26mm	
Product Size	119 × 65 × 30mm	
Product Weight	130g	
CTN Size	47 × 31.5 × 34.7cm	
Q'ty/CTN	60pcs	
NW/GW	17.5kg/18.5kg	



HK28A/HK28B

Pocket type auto range digital multimeter

Specifications	HK28A		HK28B	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 2d)	400mV	±(0.5% + 2d)
	2V	±(0.5% + 3d)	4V	±(0.5% + 3d)
	20/200V	±(0.8% + 3d)	40/400V	±(0.8% + 3d)
	500V	±(0.8% + 5d)	500V	±(0.8% + 5d)
AC Voltage	200m/2/20/200/500V	±(1.0% + 10d)	4/40/400/500V	±(1.0% +10d)
DC Current	200u/2000u/20mA	±(1.0% +5d)		
	200mA	±(2.0% +5d)		
AC Current	200u/2000u/20mA	±(1.8% +5d)		
	200mA	±(2.5% +5d)		
Resistance	200/2k/20K/200k/2M/20MΩ	±(1.0% + 2d)	400/4k/40k/400k/4M/40MΩ	±(1.0% +8d)
Capacitance			40n/400n/4u/40uF	±(4.0% + 5d)
			100uF	±(5.0% +10d)
Frequency			10/100/1k /10k/100k/1M/10MHz	±(0.5% +2d)
Duty Cycle			1%-99%	±(1.2% +3d)
Express function				
Display Count	1999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
MAX/MIN	MAX			
Data Hold	●		●	
Relative mode			●	
Auto Power Off	●		●	
Range Selection	Auto		Auto	
General Features				
CAT Rating	CAT III 300V		CAT III 300V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Display	41×21mm		41×21mm	
Product Size	119×65×30mm		119×65×30mm	
Product Weight	103g		103g	
CTN Size	40.5×35×42.5cm		40.5×35×42.5cm	
Q'ty/CTN	90pcs		90pcs	
NW/GW	14kg/15kg		14kg/15kg	



HK28A



HK28B

HK28D/HK28E

6,000 counts TRMS pocket type smart digital multimeter

Specifications	HK28D		HK28E	
	Range	Accuracy	Range	Accuracy
DC Voltage	6/60/600V	±(1.0%+10d)	6/60/600V	±(1.0%+10d)
AC Voltage	6/60/600V	±(1.0%+10d)	6/60/600V	±(1.0%+10d)
Resistance	6000/60k/600k/6MΩ	±(1.0%+2d)	600/6k/60k/600k/6MΩ	±(1.0%+2d)
	10MΩ	±(2%+2d)	60MΩ	±(2%+2d)
Capacitance			10nF	±(4.0%+25d)
			100n/1u/10u/100uF	±(4.0%+15d)
			1m/60mF	±(10%+5d)
Frequency	10/100/1kHz	±(0.1%+2d)		
Temperature (°C)			-10°C~40°C	±2°C
Temperature (°F)			14°F~104°F	±2°F
Express function				
True RMS			●	
Display Count	5999		5999	
Diode Test			●	
Continuity Buzzer	●		●	
NCV			●	
Live Wire Recognition	●			
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	SMART / AUTO		SMART / AUTO	
General Features				
CAT Rating	CAT III 300V		CAT III 300V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Display	41×21mm		41×21mm	
Product Size	119×65×30mm		119×65×30mm	
Product Weight	103g		103g	
CTN Size	40.5×35×42.5cm		40.5×35×42.5cm	
Q'ty/CTN	90pcs		90pcs	
NW/GW	14kg/15kg		14kg/15kg	



HK28D



HK28E

UT1300B/HK830

2,000 counts pocket type manual range digital multimeter

Specifications	HK1300B		HK830	
	Range	Accuracy	Range	Accuracy
DC Voltage	2000m/20/200/500V	± (0.8% + 1d)	200m/2/20/200V	± (1.0% + 2d)
			500V	± (1.2% + 2d)
AC Voltage	200/500V	± (1.5% + 1d)	200/500V	± (1.5% + 3d)
DC Current	200mA	± (2.0% + 2d)	200u/2000u/20mA	± (1.5% + 2d)
			200mA	± (2.0% + 2d)
			10A	± (2.0% + 2d)
Resistance	2000/20K/200k/2000kΩ	± (1.5% + 3d)	200Ω	± (1.0% + 5d)
			2000/20K/200kΩ	± (1.0% + 3d)
			2000kΩ	± (1.5% + 3d)
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●			
Battery Test	1.5V/9V			
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 300V / CAT II 500V		CAT III 300V / CAT II 500V	
Battery Type	6F22 9V		1.5V(AAA) × 2	
Display	41×21mm		48×16mm	
Product Size	125×75×20mm		155×112×51mm	
Product Weight	145g		97g	
CTN Size	63.5×36×29.5cm		47×33.5×30cm	
Q'ty/CTN	80pcs		80pcs	
NW/GW	18.5kg/19.5kg		15kg/15.7kg	



HK1300B



HK830

A880L/HK880L

2,000 counts pocket type manual range digital multimeter

Specifications	A880L		HK880L	
	Range	Accuracy	Range	Accuracy
DC Voltage	200m/2/20/200/500V	±(1.0% + 10d)	200m/2/20/200/500V	±(0.8% + 3d)
AC Voltage	200/500V	±(2.0% + 10d)	200/500V	±(1.0% + 10d)
DC Current	200u/2000u/20m/200mA	±(2.0% + 5d)	200u/2m/20m/200mA	±(1.5% + 5d)
	10A	±(3.0% + 5d)	10A	±(2.0% + 5d)
Resistance	200/2000/20k/200k/ 2000kΩ	±(2% + 5d)	200/2k/20K/200kΩ	±(1.0% + 8d)
			20MΩ	±(1.0% + 10d)
			200MΩ	±(5.0% + 10d)-10d
Square Wave Output	50Hz/3V	±10Hz		
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 300V / CAT II 500V		CAT III 300V / CAT II 500V	
Battery Type	1.5V(AAA)×2		6F22 9V	
Display	48×14.5mm		48×14.5mm	
Product Size	115×65×30mm		115×65×30mm	
Product Weight	170g		170g	
CTN Size	49.5×38×31cm		49.5×38×31cm	
Q'ty/CTN	80pcs		80pcs	
NW/GW	17kg/18kg		17kg/18kg	



HK880L



A880L

A830L/A930C

Compact size manual range digital multimeter

Specifications	A830L		A930C	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	± (0.5% + 2d)	200mV	± (0.5% + 2d)
	2V	± (0.5% + 3d)	2V	± (0.5% + 3d)
	20/200V	± (0.8% + 3d)	20/200V	± (0.8% + 3d)
	500V	± (0.8% + 5d)	500V	± (0.8% + 5d)
AC Voltage	200/500V	± (1.8% + 10d)	2/20/200/500V	± (1.0% +10d)
DC Current	200u/2m/20mA	± (1.0% +5d)	200u/2m/20mA	± (1.0% +5d)
	200mA	± (2.0% +5d)	200mA	± (2.0% +5d)
	10A	± (3.0% +5d)	2/10A	± (3.0% +5d)
AC Current			200u/2m/20mA	± (1.8% +5d)
			200mA	± (2.5% +5d)
			2/10A	± (3.0% +5d)
Resistance	200/2k/20K/200k/2MΩ	± (1.0% + 2d)	200/2k/20K/200k/2MΩ	± (1.0% +8d)
			20MΩ	± (1.5% +2d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	± (2.0% + 3d)
			400°C~1000°C	± (3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	± (2.0% + 5d)
			750°F~1832°F	± (3.0% + 5d)
Square Wave Output	50Hz/3V	±10Hz		
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●			
LCD Backlight	●		●	
Data Hold	●		●	
Auto Power Off			●	
Range Selection	Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	6F22 9V		1.5V(AAA)× 2	
Display	40×22mm		40×22mm	
Product Size	140×70.6×31mm		140×70.6×31mm	
Product Weight	200g		200g	
CTN Size	53×34×47.5cm		53×34×47.5cm	
Q'ty/CTN	90pcs		90pcs	
NW/GW	24kg/25kg		24kg/25kg	



A830L



A930C

A960L/A960C

2,000 counts compact digital multimeter

Specifications	A960L		A960C	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 2d)	200mV	±(0.5% + 2d)
	2V	±(0.5% + 3d)	2V	±(0.5% + 3d)
	20/200V	±(0.8% + 3d)	20/200V	±(0.8% + 3d)
	500V	±(0.8% + 5d)	500V	±(0.8% + 5d)
AC Voltage	200/500V	±(1.8% + 10d)	2/20/200/500V	±(1.0% +10d)
DC Current	200u/2m/20mA	±(1.0% +5d)	200u/2m/20mA	±(1.0% +5d)
	200mA	±(2.0% +5d)	200mA	±(2.0% +5d)
	10A	±(3.0% +5d)	2/10A	±(3.0% +5d)
AC Current			200u/2m/20mA	±(1.8% +5d)
			200mA	±(2.5% +5d)
			2/10A	±(3.0% +5d)
Resistance	200/2k/20K/200k/2MΩ	±(1.0% + 2d)	200/2k/20K/200k/2MΩ	±(1.0% +8d)
			20MΩ	±(1.5% +2d)
Temperature (°C)			-20°C~1000°C	±(2.0% + 3d)
Temperature (°F)			-4°F~1832°F	±(3.0% + 3d)
Square Wave Output	50Hz/3V	±10Hz		
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●			
LCD Backlight	●		●	
Data Hold	●		●	
Auto Power Off			●	
Range Selection	Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	6F22 9V		6F22 9V	
Display	40×22mm		40×22mm	
Product Size	143×73×34.5mm		143×73×34.5mm	
Product Weight	200g		200g	
CTN Size	53×34×47.5cm		53×34×47.5cm	
Q'ty/CTN	90pcs		90pcs	
NW/GW	24kg/25kg		24kg/25kg	



A960L

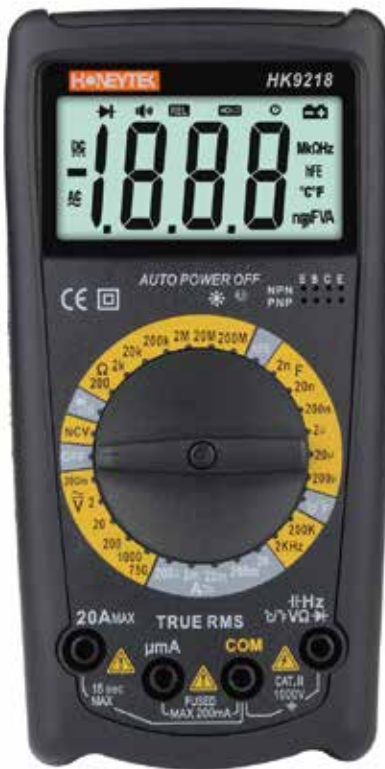


A960C

HK9218/A89

2,000 counts manual range digital multimeter

Specifications	A9218		A89	
	Range	Accuracy	Range	Accuracy
DC Voltage	200m/2/20/200V	±(1.2% + 5d)	200m/2/20/200V	±(1.2% + 5d)
	1000V	±(1.5% + 5d)	1000V	±(1.5% + 5d)
AC Voltage	200m/2/20/200V	±(1.5% + 5d)	20/200V	±(1.5% + 5d)
	750V	±(2.0% + 7d)	750V	±(2.0% + 7d)
DC Current	200u/2m/20mA	±(1.5% + 5d)	20mA	±(1.5% + 5d)
	200mA	±(2.0% + 5d)	200mA	±(2.0% + 5d)
	20A	±(2.0% + 5d)	10A	±(3.0% + 5d)
AC Current	200u/2m/20m/200mA	±(2.5% + 5d)	20m/200mA	±(2.5% + 5d)
	20A	±(2.5% + 10d)	10A	±(3.0% + 7d)
Resistance	200/2k/20k/200k/2MΩ	±(1.5% + 5d)	200/2k/20k/200k/2MΩ	±(1.5% + 5d)
	20MΩ	±(2% + 5d)	20MΩ	±(2% + 5d)
	200MΩ	±(5% + 10d)	200MΩ	±(5% + 10d)
Capacitance	2n/20nF	±(4.0% + 25d)	20nF	±(4.0% + 25d)
	200n/2u/20u/200uF	±(4.0% + 15d)	200n/2u/20u/200uF	±(4.0% + 15d)
Frequency	2k/200kHz	±(1.5% + 10d)	2k/200kHz	±(1.5% + 10d)
Temperature (°C)	-20°C~0°C	±4°C		
	0°C~400°C	±(2.0% + 3d)		
	400°C~1000°C	±(3.0% + 3d)		
Temperature (°F)	-4°F~50°F	±5°F		
	50°F~750°F	±(2.0% + 5d)		
	750°F~1832°F	±(3.0% + 5d)		
Express function				
True RMS	●		●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
NCV	●			
Live Wire Recognition			●	
Wake up	●			
Infrared remote control transmitting signal detection			●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AA)×2	
Display	59×31mm		60×32mm	
Product Size	160×80×45mm		176×82×39mm	
Product Weight	196g		234g	
CTN Size	52.5×34.5×40.5cm		52.5×34.5×40.5cm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	14kg/15kg		15.5kg/16.5kg	



HK9218



A89



DT9205A+/DT9208L

2,000 counts manual range digital multimeter

Specifications	DT9205A+		DT9208L	
	Range	Accuracy	Range	Accuracy
DC Voltage	200m/2/20/200V	±(0.5% + 3d)	200m/2/20/200V	±(0.5% + 3d)
	1000V	±(1.0% + 5d)	1000V	±(1.0% + 5d)
AC Voltage	200mV	±(1.2% +3d)	2/20/200V	±(0.8% +5d)
	20/200V	±(0.8% +5d)	700V	±(1.0% +5d)
	750V	±(1.0% +5d)		
DC Current	2m/20mA	±(1.0% +3d)	20uA	±(2.5% +5d)
	200mA	±(1.5% +5d)	2mA	±(1.0% +3d)
	10A	±(2.5% +5d)	200mA	±(1.5% +5d)
			10A	±(2.5% +5d)
AC Current	2mA	±(1.2% +5d)	2mA	±(1.2% +5d)
	200mA	±(2.0% + 5d)	200mA	±(2.0% +5d)
	10A	±(3.0% + 10d)	10A	±(3.0% +10d)
Resistance	200Ω	±(1.0% + 10d)	200Ω	±(1.0% + 10d)
	2k/20k/200k/2MΩ	±(0.8% + 3d)	2k/20k/200kΩ	±(0.8% + 3d)
	20MΩ	±(1.2% +8d)	20MΩ	±(1.2% +8d)
	200MΩ	±5.0% -10d	200MΩ	±5.0% -10d
Capacitance	2n/20n/200n/2uF	±(4.0% +5d)	2n/200n/2uF	±(4.0% +5d)
	200uF	±(5.0% +5d)	200uF	±(5.0% +5d)
Frequency			200kHz	±(1.5% +10d)
Temperature (°C)			-40°C~0°C	±4°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Transistor hFE	●		●	
LCD Backlight			●	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT II 1000V		CAT III 1000V	
Battery Type	6F22 9V		6F22 9V	
Display	59×35mm		59×35mm	
Product Size	198×80×40mm		198×80×40mm	
Product Weight	298g		349g	
CTN Size	52×28×44.5cm		52×28×44.5cm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	18kg/19kg		20kg/21kg	



DT9205A+ Only DT9208L Only



DT9205A+



DT9208L

Clamp Meter

Digital clamp meters are a versatile electrical testing tools that combine the functionality of a digital multimeter with a current sensor in the form of a clamp. This design allows for non-contact measurement of electrical current, making it an essential instrument for electricians, technicians, and DIY enthusiasts. Electrical installation and maintenance - load balancing of three-phase system to ensure even distribution, verifying current draw does not exceed circuit breaker rating, measuring total amperage draw on main service.

Motor diagnostic - checking start-up (inrush) current and running current of electric motors, identifying failing motors by comparing current draw with ratings.

HVAC systems - verifying proper operations of compressors and fan motors, diagnosing issues in heating and cooling systems, testing start and run capacitors, thermostat verification, transformer voltage check, variable speed drive diagnosis .

Automotive - battery testing, starter motor diagnosis, alternator testing, fuel pump current draw, cooling fan diagnosis, ignition system testing, injector circuit testing, electric power steering testing, sensor testing.

Automotive - battery testing, starter motor diagnosis, alternator testing, fuel pump current draw, cooling fan diagnosis, ignition system testing, injector circuit testing, electric power steering testing, sensor testing.



Selection Guide-Digital Clamp Meter

Model	HK221A	HK221B	HK221C	HK221C+	HK221D	HK221F	HK488D	YT306L
Product Images								
True RMS	●	●	●	●	●	●	●	—
Display count	2000	6000	6000	6000	4000	4000	4000	2000
DC Voltage	600V	600V	600V	600V	600V	600V	600V	600V
AC Voltage	600V	600V	600V	600V	600V	600V	600V	450V
Loz DC/AC	—	—	●	●	—	—	—	—
DC Current	100A	200A	—	600mA	—	200A	400A	—
AC Current	100A	200A	200A	200A	200A	200A	400A	400A
DC Low Current	—	6m~600mA	—	600u~600mA	—	—	—	—
AC Low Current	—	6m~600mA	—	600u~600mA	—	—	—	—
Resistance	20MΩ	60MΩ	60MΩ	60MΩ	40MΩ	40MΩ	40MΩ	200kΩ
Capacitance	60mF	60mF	60mF	60mF	4mF	4mF	40mF	—
Frequency	60KHz	1MHz	1KHz	10KHz	10MHz	10MHz	1KHz	—
Temperature (°C)	—	—	1000°C	1000°C	1000°C	1000°C	1000°C	—
Temperature (°F)	—	—	1832°F	1832°F	1832°F	1832°F	1832°F	—
Bandwidth	—	—	—	—	—	—	—	—
Inductance	—	—	—	—	—	—	—	—
Duty cycle	—	●	●	●	—	—	—	—
Continuity Check	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●
Relative Measurement	●	●	—	—	●	●	●	—
MAX/MIN	—	—	—	—	●	●	●	—
NCV Detection	●	●	●	●	●	●	●	—
Live Wire Recognition	—	●	●	●	●	●	●	—
Inrush Current	—	—	—	—	—	—	—	—
Peak Hold	—	—	—	—	—	—	—	—
Over Range Indication	—	—	—	—	—	—	●	—
EBTN Display	—	—	—	—	—	—	—	—
Backlight	●	●	●	●	●	●	●	●
Flashlight	—	—	—	—	—	—	●	●
LED Indicator	—	—	—	—	—	—	—	—
Auto Power Off	●	●	●	●	●	●	●	—
Unit Icon Display	●	●	●	●	●	●	●	—
Low Battery Indication	●	●	●	●	●	●	●	—
LPF	—	—	—	—	—	—	—	—
V.F.C Measurement	—	—	●	●	—	—	—	—
Full range overload protection	●	●	●	●	●	●	—	—
Wake up function	●	●	●	●	●	●	—	—
Analog Bar	—	—	—	—	—	—	—	—
Magnetic Adsorption	—	—	—	—	—	—	—	—
Fused 600mA	—	●	—	●	—	—	—	—
Range Select	Auto	Auto	Auto	Auto	Auto	Auto	Auto	Manual
CAT rating	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 300V	CATII 600V
Battery Type	1.5V(AAA) × 2						1.5V(AAA) × 2	1.5V(AAA) × 2
Display	36×22mm	36×22mm	36×22mm	36×22mm	36×22mm	36×22mm	36×25mm	33×17.7mm
Product Size	178×60×32mm						195×70×35mm	150.6×60×31.7mm
Product Weight	165g						211g	137.5g
Jaw opening	Φ19mm						Φ19mm	Φ29.8mm
Input impedance	≥10MΩ						≥10MΩ	≥10MΩ

Selection Guide-Digital Clamp Meter

Model	A3399	A3380B	A3383	HK488A	A901	HK3366	HK3366T
Product Images							
True RMS	●	—	—	●	—	—	—
Display count	2000	2000	4000	2000	2000	2000	2000
DC Voltage	600V	600V	600V	600V	600V	600V	600V
AC Voltage	600V	600V	600V	600V	600V	600V	600V
Loz DC/AC	—	—	—	—	—	—	—
DC Current	—	—	—	—	—	—	—
AC Current	500A	500A	600A	600A	600A	600A	600A
DC Low Current	—	—	—	—	—	—	—
AC Low Current	—	—	—	—	—	—	—
Resistance	20MΩ	2KΩ	40MΩ	20MΩ	20MΩ	20MΩ	20MΩ
Capacitance	—	—	100uF	—	—	—	—
Frequency	—	—	10MHz	—	—	—	—
Temperature (°C)	—	—	800°C	—	—	—	1000°C
Temperature (°F)	—	—	1472°F	—	—	—	1832°F
Bandwidth	—	—	—	—	—	—	—
Inductance	—	—	—	—	—	—	—
Duty cycle	—	—	●	—	—	—	—
Continuity Check	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●
Relative Measurement	—	—	—	●	—	—	—
MAX/MIN	MAX	—	—	●	MAX	MAX	MAX
NCV Detection	—	—	—	●	—	●	●
Live Wire Recognition	—	—	—	●	—	●	●
Inrush Current	—	—	—	—	—	—	—
Peak Hold	—	—	—	—	—	—	—
Over Range Indication	●	●	●	●	●	●	●
EBTN Display	—	—	—	—	—	—	—
Backlight	—	●	●	●	—	—	—
Flashlight	—	—	—	●	—	—	—
LED Indicator	—	—	—	—	—	●	●
Auto Power Off	●	●	●	●	●	●	●
Unit Icon Display	●	—	●	●	●	●	●
Low Battery Indication	●	●	●	●	●	●	●
LPF	—	—	—	—	—	—	—
V.F.C Measurement	—	—	—	—	—	—	—
Full range overload protection	●	●	●	●	●	●	●
Wake up function	—	—	—	—	—	●	●
Analog Bar	—	—	—	—	—	—	—
Magnetic Adsorption	—	—	—	—	—	—	—
Fused 600mA	—	—	—	—	—	—	—
Range Select	Auto	Manual	Auto	Auto	Auto	AUTO	AUTO
CAT rating	CATIII 600V	CATII 600V	CATII 600V	CATIII 300V	CATII 600V	CATIII 600V	CATIII 600V
Battery Type	1.5V(AAA)×3	3V Cr2032×3	3V Cr2032×3	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2
Display	36×16mm	37×17mm	37×17mm	36×25mm	37×20mm	34×22mm	34×22mm
Product Size	131.5x61x24.8mm	190x64x22mm	190x64x22mm	195×70×35mm	197.5x76x30mm	194×72×35mm	194×72×35mm
Product Weight	135g	150g	150g	211g	215g	230g	230g
Jaw opening	Φ22mm	Φ38mm	Φ38mm	Φ28mm	Φ36mm	Φ23mm	Φ23mm
Input impedance	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ

Selection Guide-Digital Clamp Meter

Model	HK588A	HK588B	HK588C	HK588D	HK688A	HK688D	HK688V	HK688VD	HK688P
Product Images									
True RMS		●	●	●	●	●	●	●	●
Display count	2000	2000	4000	4000	6000	6000	6000	6000	9999
DC Voltage	600V	600V	600V	600V	1000V	1000V	1000V	1000V	1000V
AC Voltage	600V	600V	600V	600V	750V	750V	750V	750V	750V
Loz DC/AC	—	—	—	—	—	1000V	—	—	1000/750V
DC Current	—	—	—	600A	—	600A	—	600A	—
AC Current	600A	600A	600A	600A	600A	600A	600A	600A	600A
DC Low Current	—	—	—	—	—	—	—	—	2000uA
AC Low Current	—	—	—	—	—	—	—	—	—
Resistance	20MΩ	20MΩ	40MΩ	40MΩ	60MΩ	60MΩ	60MΩ	60MΩ	100MΩ
Capacitance	—	—	100mF	100mF	100mF	100mF		100mF	99.9mF
Frequency	—	—	10MHz	10MHz	10MHz	10MHz	10MHz	10MHz	10kHz
Temperature (°C)	—	1000°C	1000°C	1000°C	1000°C	1000°C	1000°C	1000°C	400°C
Temperature (°F)	—	1832°F	1832°F	1832°F	1832°F	1832°F	1832°F	1832°F	750°F
Bandwidth	—	—	—	—	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz
Duty cycle	—	—	●	●	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%
Active Power	—	—	—	—	—	—	—	—	●
Apparent Power	—	—	—	—	—	—	—	—	●
Reactive Power	—	—	—	—	—	—	—	—	●
Power Factor	—	—	—	—	—	—	—	—	●
Frequency (V)	—	—	—	—	—	—	—	—	●
Frequency (A)	—	—	—	—	—	—	—	—	●
Frequency (W)	—	—	—	—	—	—	—	—	●
Frequency	—	—	—	—	—	—	—	—	●
Harmonic	—	—	—	—	—	—	—	—	●
Continuity Check	●	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●
Relative Measurement	—	—	●	●	●	●	●	DCA Zero	●
MAX/MIN	MAX	MAX	—	—	●	●	●	●	MAX/MIN
NCV Detection	●	●	●	●	●	●	●	●	●
Live Wire Recognition	●	●	●	●	●	●	●	●	●
Inrush Current	—	—	—	—	●	●	●	●	●
Peak Hold	—	—	—	—	●	●	—	—	●
Over Range Indication	—	—	—	—	●	●	●	●	●
EBTN Display	—	—	—	—	—	—	●	●	—
Backlight	●	●	●	●	●	●	●	●	●
Flashlight	●	●	●	●	●	●	●	●	●
LED Indicator	—	—	—	—	—	—	—	—	—
Auto Power Off	●	●	●	●	●	●	●	●	●
Unit Icon Display	●	●	●	●	●	●	●	●	●
Low Battery Indication	●	●	●	●	●	●	●	●	●
LPF	ACV	ACA	—	—	—	—	—	—	—
V.F.C Measurement	—	—	—	—	—	ACV/ACA	—	—	—
VFD							—	—	ACV/ACA
Full range overload protection	●	●	●	●	●	●	●	●	●
Three-Phase Sequence Detecion	—	—	—	—	—	—	—	—	●
Wake up function	●	●	●	●	●	●	●	●	●
Analog Bar	—	—	—	—	●	●	●	●	—
Magnetic Adsorption	—	—	—	—	●	●	●	●	—
Fused 200mA	—	—	—	—	—	—	—	—	200mA
Range Select	AUTO	AUTO	AUTO	AUTO	Auto/Manual	Auto/Manual	Smart Or (Auto)	Smart Or (Auto)	Auto/Manual
CAT rating	CATIII 600V	CATIII 600V	CATIII 600V	CATIII 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V
Battery Type	1.5V(AAA)×3	1.5V(AAA)×3	1.5V(AAA)×3	1.5V(AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3	1.5V(AAA)×3	1.5V(AAA)×3
Display	34×22mm	34×22mm	34×22mm	34×22mm	36×50.5mm		36×50.5mm		36×50.5mm
Product Size	194×72×35mm				225×75×35mm				
Product Weight	230g	230g	230g	230g	250g		250g		250g
Jaw opening	Φ23mm	Φ23mm	Φ23mm	Φ23mm	Φ34mm		Φ34mm		Φ34mm
Input impedance	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ		≥10MΩ		≥10MΩ

Selection Guide-Digital Clamp Meter

Model	HK266	HK266F	HK266C	HK266D	A3390	HK588E	A908
Product Images							
True RMS	●	●	●	●	—	●	—
Display count	2000	2000	2000	4000	4000	6000	2000
DC Voltage	1000V	1000V	1000V	1000V	600V	1000V	600V
AC Voltage	750V	750V	750V	750V	600V	750V	600V
Loz DC/AC	—	—	—	—	—	—	—
DC Current	—	—	—	1000A	1000A	1000A	—
AC Current	1000A	1000A	1000A	1000A	1000A	1000A	1000A
DC Low Current	—	—	—	—	—	—	—
AC Low Current	—	—	—	—	—	—	—
Resistance	500MΩ	500MΩ	500MΩ	40MΩ	40MΩ	60MΩ	20MΩ
Capacitance	—	—	—	100mF	—	100mF	—
Frequency	—	2KHz	—	10MHz	1MHz	10MHz	—
Temperature (°C)	—	—	1000°C	1000°C	—	1000°C	—
Temperature (°F)	—	—	1832°F	1832°F	—	1832°F	—
Bandwidth	1000Hz	1000Hz	1000Hz	1000Hz	—	—	—
Inductance	—	—	—	—	—	—	—
Duty cycle	—	—	—	—	—	●	—
Continuity Check	●	●	●	●	●	●	●
Diode Test	—	—	—	●	●	●	●
Data Hold	●	●	●	—	●	●	●
Relative Measurement	—	—	—	●	●	●	—
MAX/MIN	—	—	—	●	—	—	MAX
NCV Detection	●	●	—	●	—	●	—
Live Wire Recognition	●	●	—	●	—	●	—
Inrush Current	—	—	—	—	—	●	—
Peak Hold	—	—	—	—	—	—	—
Over Range Indication	●	●	●	●	●	●	●
EBTN Display	—	—	—	—	—	—	—
Backlight	—	—	—	—	—	●	—
Flashlight	—	—	—	—	—	●	—
Auto Power Off	●	●	●	●	●	●	●
Unit Icon Display	—	—	—	●	●	●	●
Low Battery Indication	●	●	●	●	●	●	●
LPF	—	—	—	—	—	—	—
V.F.C Measurement	—	—	—	—	—	—	—
Full range overload protection	●	●	●	●	●	●	●
Wake up function	●	●	●	●	—	●	—
Analog Bar	—	—	—	—	—	—	—
Magnetic Adsorption	—	—	—	—	—	—	—
Fused 600mA	—	—	—	—	—	—	—
Range Select	Manual	Manual	Manual	Auto	Auto	Auto	Auto
CAT rating	CATIII 1000V	CATIII 1000V	CATIII 1000V	CATIII 1000V	CATII 600V	CATIII 600V	CATII 600V
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	3V CR2032×3	1.5V(AAA)×3	1.5V(AAA)×2
Display	48×16mm	48×16mm	48×16mm	48×16mm	37×17mm	34×22mm	37×20mm
Product Size	96×235×46mm				190x64x22mm	194×72×35mm	197.5x76x30mm
Product Weight	330g	330g	330g	330g	150g	230g	215g
Jaw opening	Φ55mm	Φ55mm	Φ55mm	Φ55mm	Φ38mm	Φ23mm	Φ45mm
Input impedance	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ

Selection Guide-Digital Clamp Meter

Model	HK689A	HK689B	HK689D	HK689C	HK689E	HK788A	HK788D	HK789A	HK789D
Product Images									
True RMS	●	●	●	●	●	●	●	●	●
Display count	6000	6000	6000	6000	6000	6000	6000	6000	6000
DC Voltage	1000V	1700V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC Voltage	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
Loz DC/AC	—	1000V	1000V	1000V	1000V	1000V	1000V	1000V	1000V
AC+DC V	—	—	—	—	1000V	—	—	—	—
DC Current	—	1000A	—	—	1000A	—	600A	—	1000A
AC Current	1000A	1000A	1000A	1000A	1000A	1000A	1000A	1000A	1000A
AC+DC A	—	—	1000A	—	1000A	—	—	—	—
DC Low Current	—	—	—	2000uA	2000uA	—	—	—	—
AC Low Current	—	—	—	—	—	—	—	—	—
Resistance	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ	60MΩ
Capacitance	100mF	100mF	100mF	6mF	6mF	100mF	100mF	100mF	100mF
Frequency	10MHz	10MHz	10MHz	1MHz	1MHz	10MHz	10MHz	10MHz	10MHz
Temperature (°C)	1000°C	1000°C	1000°C	400°C	400°C	1000°C	1000°C	1000°C	1000°C
Temperature (°F)	1832°F	1832°F	1832°F	750°F	750°F	1832°F	1832°F	1832°F	1832°F
Bandwidth	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz	1000Hz
Inductance	—	—	—	—	—	—	—	—	—
Duty cycle	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	—	—	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%
Active Power	—	—	—	—	—	—	—	—	—
Apparent Power	—	—	—	—	—	—	—	—	—
Reactive Power	—	—	—	—	—	—	—	—	—
Power Factor	—	—	—	—	—	—	—	—	—
Frequency (V)	—	—	—	—	—	—	—	—	—
Frequency (A)	—	—	—	—	—	—	—	—	—
Frequency (W)	—	—	—	—	—	—	—	—	—
Frequency	—	—	—	—	—	—	—	—	—
Harmonic	—	—	—	—	—	—	—	—	—
Continuity Check	●	●	●	●	●	●	●	●	●
Diode Test	●	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	●	●	●
Relative	●	●	●	●	●	●	●	●	●
MAX/MIN	●	●	MAX/MIN	MAX/MIN/AVG	MAX/MIN/AVG	●	●	●	●
NCV Detection	●	●	●	●	●	●	●	●	●
Live Wire Recognition	●	●	●	●	●	●	●	●	●
Inrush Current	●	●	●	●	●	●	●	●	●
Peak Hold	●	●	●	●	●	●	●	●	●
Over Range Indication	●	●	●	●	●	●	●	●	●
EBTN Display	—	—	—	—	—	—	—	—	—
Backlight	●	●	●	●	●	●	●	●	●
Flashlight	●	●	●	●	●	●	●	●	●
Auto Power Off	●	●	●	●	●	●	●	●	●
Unit Icon Display	●	●	●	●	●	●	●	●	●
Low Battery	●	●	●	●	●	●	●	●	●
Three-Phase Sequence Detecion	—	—	—	●	●	—	—	—	—
RCD30mA	—	—	—	●	●	—	—	—	—
LPF	—	ACV/ACA	—	—	—	—	—	—	—
V.F.C Measurement	—	—	ACV/ACA	—	—	—	—	—	—
VFD	—	—	—	ACV/ACA	ACV/ACA	—	—	—	—
Full range overload protection	●	●	●	●	●	●	●	●	●
Wake up function	●	●	●	●	●	●	●	●	●
Analog Bar	●	●	●	—	—	—	—	—	—
Magnetic Adsorption	●	●	●	—	—	—	—	—	—
Fused 200mA	—	—	—	●	●	—	—	—	—
Range Select	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
CAT rating	CAT IV 600V	CAT III 1000V/CAT IV 600	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V		CAT IV 600V	
Battery Type	1.5V (AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3	1.5V (AAA)×3		1.5V (AAA)×3	
Display	36×50.5mm	36×50.5mm	36×50.5mm	36×50.5mm	36×50.5mm	37.5×31.5mm		37.5×31.5mm	
Product Size	236×85×35mm	236×85×35mm	236×85×35mm	236×85×35mm	236×85×35mm	230×85×40mm		230×85×40mm	
Product Weight	270g	270g	270g	270g	270g	239.5g		239.5g	
Jaw opening	Φ42mm	Φ42mm	Φ42mm	Φ42mm	Φ42mm	Φ36.8mm		Φ36.8mm	
Input impedance	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ		≥10MΩ	

Selection Guide-Digital Clamp Meter

Model	HK888A	HK888B	HK888D	HK880E
Product Images				
True RMS	●	●	●	●
Display Count	6000	6000	6000	6000
DC Voltage	2000V	2000V	2000V	2000V
AC Voltage	1500V	1500V	1500V	1500V
LoZ DC/AC	DC2000V/AC1500V	DC2000V/AC1500V	DC2000V/AC1500V	DC2000V/AC1500V
AC +DC Voltage	—	2000A	—	1500A
DC Current	—	2000A	2000A	2000A
AC Current	2000A	2000A	2000A	2000A
AC+DC Current	—	2000A	—	2000A
Flex-Clamp	—	3000A	—	3000A
Resistance	60MΩ	60MΩ	60MΩ	60MΩ
Capacitance	100mF	100mF	100mF	100mF
Frequency	10MHz	2000Hz	10MHz	2000Hz
Temperature (°C)	—	1300°C	1300°C	1300°C
Temperature (°F)	—	2372 °F	2372 °F	2372°F
Duty Cycle	0.1%–99.9%	—	0.1%–99.9%	—
Continuity Check	●	●	●	●
Diode Test	●	●	●	●
Data Hold	●	●	●	●
Relative Measurement	●	●	●	●
MAX/MIN	●	●	●	●
NCV Detection	—	●	●	●
Live Wire Recognition	—	●	●	●
Inrush Current	●	●	●	●
Peak Hold	●	●	●	●
Over Range Indication	●	●	●	●
Backlight	●	●	●	●
Phase Sequente Test	●	—	—	—
Flashlight	●	●	●	●
Auto Power Off	●	●	●	●
Unit Icon Display	●	●	●	●
Low Battery Indication	●	●	●	●
V.F.D Measurement	—	ACV/ACA	—	ACV/ACA
Full Range Overload Protection	●	●	●	●
Wake-Up Function	●	●	●	●
Range Select	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
CAT Rating	CAT III 1500V / CAT IV 1000V	CAT III 1500V / CAT IV 1000V	CAT III 1500V / CAT IV 1000V	CAT III 1500V / CAT IV 1000V
Battery Type	1.5V (AAA) ×3	1.5V (AAA) ×3	1.5V (AAA) ×3	1.5V (AAA) ×3
Display	46×40.5mm	46×40.5mm	46×40.5mm	46×39.5mm
Product Size	285×105×44mm	285×105×44mm	285×105×44mm	290×105×44mm
Product Weight	625g	625g	625g	625g
Jaw Opening	Φ60.5mm	Φ60.5mm	Φ60.5mm	Φ66mm
Input Impedance	≥10MΩ	≥10MΩ	≥10MΩ	≥10MΩ

HK888E

6000 COUNTS TRMS
SOLAR PV CLAMP METER

2000A AC/DC;2000V DC, 1500V ACRMS

Resistance to 60MΩ

Capacitance to 100mF

Frequency to 2000Hz

Double opening clamp

Inbuilt spotlight for visibility

PV test leads with MC4 PV Plug

D60.5mm Max.Jaw Open Capacity

Accessories



HK888E

2000A, 2000V AC/DC Solar PV Clamp Meter

Specifications	HK888E	
	Range	Accuracy
DC Voltage	600mV	±(0.8%+3)
	6.000V/60.00V/600.0V	±(0.5%+5)
	2000V	±(2.0%+5)
AC Voltage	6.000V/60.00V/600.0V	±(1.0%+5)
	1500V	±(2.0%+8)
AC+DC Voltage	6.000V/60.00V/600.0V	±(1.5%+5)
	1500V	±(2.5%+8)
DC Current	60.0A/600.0A	±(2.0%+5)
	2000A	±(2.5%+10)
AC Current	60.0A/600.0A	±(2.0%+5)
	2000A	±(2.5%+10)
AC+DC Current	60.0A/600.0A/2000A	±(3.0%+8)
AC Current (Flex Clamp Sensor)	600.0A/3000A	±(2.0%+5)
	600.0Ω	±(1.0%+3)
	6.000kΩ/60.00kΩ/600.0kΩ	±(1.0%+2)
Resistance	6.000MΩ/60.00MΩ	±(2.0%+8)
	6.000nF/60.00nF	±(4.0%+5)
	600.0nF/6.000μF/60.00μF/600.0μF	±(4.0%+5)
Capacitance	6.000mF/60.00mF/100mF	±(10.0%+10)
	8Hz - 2000Hz	±(0.1%+3)
Frequency	-40°C~0°C	±(1.0%+4)
	0°C~400°C	±(2.0%+3)
Temperature (°C)	400°C~1300°C	±(3.0%+3)
	-40°F~50°F	±(1.0%+5)
Temperature (°F)	50°F~750°F	±(2.0%+5)
	750°F~2300°F	±(3.0%+5)

Express function	
True RMS	●
Display Count	6000
Range Select	Auto/Manual
LoZ AC/DC	2000V
VFD	ACV/ACA
NCV Detection	>30V
Live Wire Recognition	>80V
Diode Test	●
Continuity Buzzer (<50Ω)	●
Data Hold	●
Relative Measurement	●
MAX/MIN	●
Inrush Current Test	●
Peak Hold	●
Over Range Indication	●
Inbuilt Spotlight	●
LCD Backlight	●
Double-Colored Housing	●
Auto Power Off	●
Low Battery Indication	●
Unit Icon Display	●
General Features	
Input Impedance	10M
Product Size	289×110×45mm
LCD Size	46×39mm
Product Weight	650g
Power Supply	1.5V(AAA) × 3
Safety Category	CAT III 1500V / CAT IV 1000V
Accessory	Standard accessories: Test Leads, Hard Carrying Case, Temp.Probe, Manual
	Optional accessories: MC4 PV Plug, Crocodile Clips, Flex Current Clamp



HK888E

HK888D

6000 COUNTS TRMS 2000A
SOLAR PV CLAMP METER

2000V AC/DC Max. High Voltage Measurement

CAT IV 1000V Safety Design

2000A AC, AC/DC Clamp Meters

True RMS with 6000 Count Display

Φ60.5mm Max. Jaw Open Capacity

Inrush Current Measurement

LoZ AC/DC, NCV, Live Wire Detection

Inbuilt Spot Light Ensure Visibility

Accessories



HK888A/HK888D

6,000 counts TRMS clamp meter with 2000A/2000V

Specifications	HK888A		HK888D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.7% + 3d)	6/60/600V	±(0.7% + 3d)
	2000V	±(0.7% + 3d)	2000V	±(0.7% + 3d)
AC Voltage	6/60/600V	±(1.0% + 5d)	6/60/600V	±(1.0% + 5d)
	2000V	±(1% + 10d)	2000V	±(1% + 10d)
DC Current			60/600m/2000A	±(2.5% + 5d)
AC Current	600/2000A	±(2.5% + 5d)	60/600m/2000A	±(2.5% + 5d)
Resistance	600Ω	±(1.0% + 2d)	600Ω	±(1.0% + 2d)
	6k/60k/600k/6MΩ	±(0.8% + 2d)	6k/60k/600k/6MΩ	±(0.8% + 2d)
	60MΩ	±(2.5% + 5d)	60MΩ	±(2.5% + 5d)
Capacitance	10nF	±(3.0% + 5d)	10nF	±(3.0% + 5d)
	100n/1u/10u/100uF	±(3.0% + 5d)	100n/1u/10u/100uF	±(3.0% + 5d)
	1m/10m/100mF	±(10% + 5d)	1m/10m/100mF	±(10% + 5d)
Frequency	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%	0.1%~99.9%
Temperature (°C)			-40°C~0°C	±4d
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±6d
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV			●	
Live Wire Recognition			●	
LoZ AC / DC	2000V		2000V	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Peak Hold	●		●	
Inrush Current Test	●		●	
Relative Mode	●		●	
Motor Rotation Detection	●			
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 1500V / CAT IV 1000		CAT III 1500V / CAT IV 1000	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw size	Φ60.5		Φ60.5	
Display	46×40.5cm		46×40.5cm	
Product Size	285×105×44mm		285×105×44 mm	
Product Weight	625g		625g	
CTN Size	36×32.5×31.5mm		36×32.5×31.5 mm	
Q'ty/CTN	10pcs		10pcs	
NW/GW	11kg/12kg		11kg/12kg	



HK888A



HK888D

HK888B

2000A, 2000V AC/DC Solar PV Clamp Meter

Specifications	HK888B	
	Range	Accuracy
DC Voltage	600mV	±(0.8%+3d)
	6/60/600V	±(0.5%+5d)
	2000V	±(2.0%+5d)
	2000V	±(1.0%+5d)
AC Voltage	6/60/600V	±(1.0%+5d)
	2000V	±(2.0%+8d)
	6/60/600V	±(1.5%+5d)
	2000V	±(2.5%+8d)
LoZ AC / DC	2000V	±(2%+5d)
	60/600/2000A	±(2.5%+5d)
	60/600/2000A	±(2.5%+5d)
	60/600/2000A	±(3%+8d)
AC Current (Flex Clamp Sensor)	600.0A/3000A	±(2.5%+5d)
	600Ω	±(1.0%+2d)
	6k/60k/600k/6MΩ	±(0.8%+2d)
	60MΩ	±(2.5%+5d)
Capacitance	6.000nF/60.00nF	±(4.0%+25d)
	600.0n/6.000u/60.00u/600.0uF	±(4.0%+5d)
	6.000m/60.00m/100mF	±(10%+10d)
Frequency	8Hz-2000Hz	±(0.5%+2d)
Duty Cycle	0.1-99.9%	0.1-99.9%
Temperature (°C)	-40°C~0°C	±4d
	0°C~400°C	±(2.0%+3d)
	400°C~1300°C	±(3.0%+3d)
Temperature (°F)	-4°F~50°F	±6d
	50°F~750°F	±(2.0%+5d)
	750°F~2300°F	±(3.0%+5d)
Express function		
True RMS	●	
Display Count	5999	
Diode test	●	
Continuity Buzzer	●	
Flashlight	●	
NCV	●	
Live Wire Recognition	●	
LCD backlight	●	
MAX/MIN	●	
Data Hold	●	
Peak Hold	●	
VFD	●	
Inrush Current Test	●	
Relative mode	●	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT rating	CAT III 1500V CAT IV 1000V	
Battery Type	1.5V(AAA)×3	
Jaw Caliber	60.5mm	
Product Size	285×110×45mm	
Product Weight	610g	



HK888B

HK789A/HK789D

NEW!

6,000 counts TRMS clamp meter with 1000A/1000V

Specifications	HK789A		HK789D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.7% + 3d)	6/60/600V	±(0.7% + 3d)
	1000V	±(0.7% + 3d)	1000V	±(0.7% + 3d)
AC Voltage	6/60/600V	±(1.0% + 5d)	6/60/600V	±(1.0% + 5d)
	1000V	±(1% + 10d)	1000V	±(1% + 10d)
DC Current			60/600/1000A	±(2.5% + 5d)
AC Current	6/60/600/1000A	±(2.5% + 5d)	60/600/1000A	±(2.5% + 5d)
Resistance	600Ω	±(1.0% + 2d)	600Ω	±(1.0% + 2d)
	6k/60k/600k/6MΩ	±(0.8% + 2d)	6k/60k/600k/6MΩ	±(0.8% + 2d)
	60MΩ	±(2.5% + 5d)	60MΩ	±(2.5% + 5d)
Capacitance	10nF	±(3.0% + 5d)	10nF	±(3.0% + 5d)
	100n/1u/10u/100uF	±(3.0% + 5d)	100n/1u/10u/100uF	±(3.0% + 5d)
	1m/10m/100mF	±(10% + 5d)	1m/10m/100mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	±4d	-40°C~0°C	±4d
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	-4°F~50°F	±6d	-4°F~50°F	±6d
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 5d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LoZ AC/DC	1000V		1000V	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Peak Hold	●		●	
Inrush Current Test	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Jaw size	Φ42.5×57.5mm		Φ42.5×57.5mm	
Display	37.5×31.5mm		37.5×31.5mm	
Product Size	230×85×40mm		230×85×40mm	
Product Weight	270g		270g	
CTN Size	64.5×30.5×31cm		64.5×30.5×31cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	13kg/15kg		13kg/15kg	



HK788A/HK788D

6,000 counts TRMS clamp meter with 600A/1000V

Specifications	HK788A		HK788D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.7% + 3d)	6/60/600V	±(0.7% + 3d)
	1000V	±(0.7% + 3d)	1000V	±(0.7% + 3d)
AC Voltage	6/60/600V	±(1.0% + 5d)	6/60/600V	±(1.0% + 5d)
	1000V	±(1% + 10d)	1000V	±(1% + 10d)
DC Current			60/600A	±(2.5% + 5d)
AC Current	6/60/600A	±(2.5% + 5d)	60/600A	±(2.5% + 5d)
Resistance	600Ω	±(1.0% + 2d)	600Ω	±(1.0% + 2d)
	6k/60k/600k/6MΩ	±(0.8% + 2d)	6k/60k/600k/6MΩ	±(0.8% + 2d)
	60MΩ	±(2.5% + 5d)	60MΩ	±(2.5% + 5d)
Capacitance	10nF	±(3.0% + 5d)	10nF	±(3.0% + 5d)
	100n/1u/10u/100uF	±(3.0% + 5d)	100n/1u/10u/100uF	±(3.0% + 5d)
	1m/10m/100mF	±(10% + 5d)	1m/10m/100mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	±4d	-40°C~0°C	±4d
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	-4°F~50°F	±6d	-4°F~50°F	±6d
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 5d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LoZ AC/DC	1000V		1000V	
LCD Backlight	●		●	
Data Hold	●		●	
Peak Hold	●		●	
Inrush Current Test	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Jaw Size	Φ30.5×44.5mm		Φ30.5×44.5mm	
Display	37.5×31.5mm		37.5×31.5mm	
Product Size	230×85×40mm		230×85×40mm	
Product Weight	250g		250g	
CTN Size	64.5×30.5×31cm		64.5×30.5×31cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12.2kg/14.2kg		12.2kg/14.2kg	



HK689A/HK689D

6,000 counts double-molded TRMS clamp meter with 1000A/1000V

HK689 series are 1000A AC (HK689A/C) and 1000A AC/DC (HK689B/D) true RMS 6000 count clamp meters with a wide range of features. HK689B can measure AC/DC voltage up to 2000V, suitable for industrial, photovoltaic, mining, and other high power systems. Its built-in dual display can also conveniently display both AC voltage/current and frequency at the same time. Additional features include peak hold, inrush current, Live wire detection, NCV measurement, LoZ, LPF, VFC and more. HK689V/VD are smart true RMS clamp meters with EBTN screen and button operated instead of a rotary dial, which can be conveniently and quickly operated with one hand.

Specifications	HK689A		HK689D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% + 2d)	6/60/600V	±(0.5% + 2d)
	1000V	±(0.8% + 5d)	1000V	±(0.8% + 5d)
AC Voltage	6/60V	±(1.0% + 5d)	6/60V	±(1.0% + 5d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
	1000V	±(1% + 5d)	1000V	±(1% + 5d)
DC Current			60/600/1000A	±(2.5% + 5d)
AC Current	6/60/600/1000A	±(2.5% + 5d)	60/600/1000A	±(2.5% + 5d)
Resistance	600Ω	±(1.0% + 2d)	600Ω	±(1.0% + 2d)
	6k/60k/600k/6MΩ	±(0.8% + 2d)	6k/60k/600k/6MΩ	±(0.8% + 2d)
	60MΩ	±(2.5% + 5d)	60MΩ	±(2.5% + 5d)
Capacitance	6n/60n/600n/6u/60u/600uF	±(3.0% + 5d)	6n/60n/600n/6u/60u/600uF	±(3.0% + 5d)
	6m/10mF	±(10% + 5d)	6m/10mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.1% + 4d)	10/100/1k/10k/100k/1M/10MHz	±(0.1% + 4d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	±(5% + 4d)	-40°C~0°C	±(5% + 4d)
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	-4°F~50°F	±(5% + 4d)	-4°F~50°F	±(5% + 4d)
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 5d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(3.0% + 5d)

Express function		
True RMS	●	●
Display Count	5999	5999
Diode Test	●	●
Continuity Buzzer	●	●
Flashlight	●	●
NCV	●	●
Live Wire Recognition	●	●
Analog Bar Display	●	●
LoZ AC/DC	1000V	1000V
V.F.C		●
LCD Backlight	●	●
MAX/MIN	●	●
Data Hold/ Peak Hold	●	●
Inrush Current Test	●	●
Relative Mode	●	●
Auto Power Off	●	●
Range Selection	Auto/Manual	Auto/Manual

General Features		
CAT Rating	CAT III 1000V / CAT IV 600V	CAT III 1000V / CAT IV 600V
Battery Type	1.5V(AAA) × 3	1.5V(AAA) × 3
Jaw Size	Φ42.4 × 57.5mm	Φ42.4 × 57.5mm
Product Size	236 × 85 × 35mm	236 × 85 × 35mm
Product Weight	270g	270g
CTN Size	64.5 × 30.5 × 31cm	64.5 × 30.5 × 31cm
Q'ty/CTN	20pcs	20pcs
NW/GW	13kg/15kg	13kg/15kg



HK689A



HK689D

HK689B

6,000 counts double-molded TRMS clamp meter with 1000A/1700V

Specifications	HK689B	
	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% + 2d)
	1700V	±(0.8% + 5d)
AC Voltage	6/60V	±(1.0% + 5d)
	600V	±(0.8 + 5d)
	1000V	±(1% + 5d)
DC Current	60/600/1000A	±(2.5% + 5d)
AC Current	60/600/1000A	±(2.5% + 5d)
Resistance	600Ω	±(1.0% + 2d)
	6k/60k/600k/6MΩ	±(0.8% + 2d)
	60MΩ	±(2.5% + 5d)
Capacitance	6n/60n/600n/6u/60u/600uF	±(3.0% + 5d)
	6m/10mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.1% + 4d)
Duty Cycle	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	±(5% + 4d)
	0°C~400°C	±(2.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	-4°F~50°F	±(5% + 4d)
	50°F~750°F	±(2.0% + 5d)
	750°F~1832°F	±(3.0% + 5d)

Express function	
True RMS	●
Display Count	5999
Diode Test	●
Continuity Buzzer	●
Flashlight	●
NCV	●
Live Wire Recognition	●
Analog Bar Display	●
LoZ AC/DC	1000V
LPF ACV / ACA	●
LCD Backlight	●
MAX/MIN	●
Data Hold	●
Peak Hold	●
Inrush Current Test	●
Relative Mode	●
Auto Power Off	●
Range Selection	Auto/Manual

General Features	
CAT Rating	CAT III 1000V / CAT IV 600V
Battery Type	1.5V(AAA) × 3
Jaw Opening	Φ42.4 × 57.5mm
Display	36 × 50.5mm
Product Size	236 × 85 × 35mm
Product Weight	270g
CTN Size	64.5 × 30.5 × 31mm
Q'ty/CTN	20pcs
NW/GW	13kg/15kg



HK689B

HK689C/HK689E

NEW!

Double-molded TRMS clamp meter with 1000A/1000V

Specifications	HK689C		HK689E	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% + 2d)	6/60/600V	±(0.5% + 2d)
	1000V	±(0.8% + 5d)	1000V	±(0.8% + 5d)
AC Voltage	6/60V	±(1.0% + 5d)	6/60V	±(1.0% + 5d)
	600V	±(0.8% + 5d)	600V	±(0.8% + 5d)
	1000V	±(1% + 5d)	1000V	±(1% + 5d)
ACV+DCV			6/60/600V	±(1.5% + 5d)
DC Current			60/600/1000A	±(2.5% + 5d)
	200/2000uA	±(1.2% + 5d)	200/2000uA	±(1.2% + 5d)
AC Current	6/60/600/1000A	±(2.5% + 5d)	60/600/1000A	±(2.5% + 5d)
ACA+DCA			60/600/1000A	±(3.0% + 8d)
Resistance	600Ω	±(1.0% + 2d)	600Ω	±(1.0% + 2d)
Capacitance	600n/6u/60u/600uF	±(4.0% + 5d)	600n/6u/60u/600uF	±(4.0% + 5d)
	6mF	±(10% + 5d)	6mF	±(10% + 5d)
Frequency	5Hz~1MHz	±(0.1% + 5d)	5Hz~1MHz	±(0.1% + 5d)
Temperature (°C)	-40°C~0°C	±(5% + 4d)	-40°C~0°C	±(5% + 4d)
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 3d)
Temperature (°F)	-4°F~50°F	±(5% + 4d)	-4°F~50°F	±(5% + 4d)
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 5d)
Express function				
True RMS	●		●	
Display Count	6000		6000	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
Analog Bar Display	●		●	
LoZ AC/DC	1000V		1000V	
VFD	●		●	
LCD Backlight	●		●	
MAX/MIN/AVG	●		●	
Data Hold	●		●	
Peak Hold	●		●	
Inrush Current Test	●		●	
Relative Mode	●		●	
Phase sequence detection	●		●	
Leakage switch test RCD30mA	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 1000V / CAT IV 600V		CAT III 1000V / CAT IV 600V	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw Opening				
Product Size				
Product Weight				
CTN Size				
Q'ty/CTN				



HK689C



HK689E

HK688A/HK688D

6,000 counts double-molded TRMS clamp meter with 600A/1000V

HK688 series are 600A AC (HK688A/C) and 600A AC/DC (HK688B/D) true RMS clamp meters with 6000 count precision. These double injection molded clamp meters offer a wide range of features including 2000V AC/DC voltage (HK688B), peak hold, NCV, live wire detection, LoZ measurement to prevent false reading due to ghost voltage, LPF filtering to isolate unwanted noise and more. HK688V/VD models are designed with EBTN display and smart button navigation for quick and one handed convenient operation.

Specifications	HK688A		HK688D	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	± (0.5% + 3d)	600mV	± (0.5% + 3d)
	6/60/600V	± (0.5% + 2d)	6/60/600V	± (0.5% + 2d)
	1000V	± (0.8% + 5d)	1000V	± (0.8% + 5d)
AC Voltage	6/60V	± (1.0% + 5d)	6/60V	± (1.0% + 5d)
	600V	± (0.8% + 5d)	600V	± (0.8% + 5d)
	1000V	± (1% + 5d)	1000V	± (1% + 5d)
DC Current			60/600A	± (2.5% + 5d) ¹
AC Current	6/60/600A	± (2.5% + 5d)	60/600A	± (2.5% + 5d)
Resistance	600Ω	± (1.0% + 2d)	600Ω	± (1.0% + 2d)
	6k/60k/600k/6MΩ	± (0.8% + 2d)	6k/60k/600k/6MΩ	± (0.8% + 2d)
	60MΩ	± (2.5% + 5d)	60MΩ	± (2.5% + 5d)
Capacitance	6n/60n/600n/6u/60u/600uF	± (3.0% + 5d)	6n/60n/600n/6u/60u/600uF	± (3.0% + 5d)
	6m/10mF	± (10% + 5d)	6m/10mF	± (10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	± (0.1% + 4d)	10/100/1k/10k/100k/1M/10MHz	± (0.1% + 4d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	± (5% + 4d)	-40°C~0°C	± (5% + 4d)
	0°C~400°C	± (2.0% + 3d)	0°C~400°C	± (2.0% + 3d)
	400°C~1000°C	± (3.0% + 3d)	400°C~1000°C	± (3.0% + 3d)
Temperature (°F)	-4°F~50°F	± (5% + 4d)	-4°F~50°F	± (5% + 4d)
	50°F~750°F	± (2.0% + 5d)	50°F~750°F	± (2.0% + 5d)
	750°F~1832°F	± (3.0% + 5d)	750°F~1832°F	± (3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	5999		5999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
Analog Bar Display	●		●	
LoZ AC/DC			1000V	
V.F.C ACV/ACA			●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Peak Hold	●		●	
Inrush Current Test	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 1000V / CAT IV 600V		CAT III 1000V / CAT IV 600V	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw Size	Φ30.4x44.5mm		Φ30.4x44.5mm	
Product Size	225x75x35mm		225x75x35mm	
Product Weight	250g		250g	
CTN Size	64.5x30.5x31cm		64.5x30.5x31cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	12.2kg/14.2kg		12.2kg/14.2kg	



HK688A



HK688D

HK688P

Double-molded TRMS power & harmonic clamp meter

Specifications	HK688P	
	Range	Accuracy
DC Voltage	1000mV	±(0.5% + 5d)
	10V/100V	±(0.5% + 2d)
	1000V	±(0.8% + 5d)
AC Voltage	1000mV	±(1.0% + 5d)
	10V/100V	±(0.8% + 5d)
	750V	±(1% + 5d)
DC Current	200uA/2000uA	±(1.2% + 5d)
AC Current	10A/100A/600A	±(2.5% + 5d)
Resistance	100Ω	±(1.0% + 2d)
	1kΩ/10kΩ/100kΩ/1MΩ	±(0.8% + 2d)
	10MΩ/100MΩ	±(2.5% + 5d)
Capacitance	9.999nF~99.99mF	±(5.0% + 5d)
Active Power	3.9W/39W/390W/4000W/10.0kW/100kW/300kW	±(3.0% + 5)
Apparent Power	3.0VA/100.0VA/4000VA/10.0kVA/100.0kVA/300kVA	±(3.0% + 5)
Reactive Power	3.0Var/100.0Var/4000Var/10.0kVar/100.0kVar/3000kvr	±(3.0% + 5)
Power Factor	0.3~1	±(3.0% + 5)
Voltage Frequency	99.99Hz~10kHz	±(1.5% + 5)
Current Frequency	99.99Hz~1kHz	±(1.5% + 5)
Power Frequency	40~1kHz	±(0.5% + 1)
Duty Cycle	0.1~99.9%	±(3.0% + 3)
1 Harmonic		±(3.0% + 10)
2-6 Harmonic		±(3.5% + 10)
7-8 Harmonic		±(4.5% + 10)
9-10 Harmonic		±(5% + 10)
11-15 Harmonic		±(7% + 10)
16-20 harmonic		±(10%+10)
Temperature (°C)	-40°C~0°C	±(5% + 4d)
	0°C~400°C	±(2.0% + 3d)
Temperature (°F)	-4°F~50°F	±(5% + 4d)
	50°F~750°F	±(2.0% + 5d)

Express function	
True RMS	●
Display Count	6000
Diode Test	●
Continuity Buzzer	●
Flashlight	●
NCV	●
Live Wire Recognition	●
LoZ AC/DC	1000/750V
VFD	
LCD Backlight	●
MAX/MIN	●
Data Hold	●
Peak Hold	●
Phase sequence detection	●
Inrush Current Test	●
Relative Mode	●
Auto Power Off	●
Range Selection	Auto/Manual
Bluetooth Connection	●
General Features	
CAT Rating	CAT III 1000V / CAT IV 600V
Battery Type	1.5V(AAA) × 3
Jaw Size	
Product Size	
Product Weight	
CTN Size	
Q'ty/CTN	
NW/GW	



HK688P



HK688V/HK688VD

6,000 counts double-molded TRMS smart clamp meter with graphical display

Specifications	HK688V		HK688VD	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.5% + 3d)
	6/60/600V	±(0.8% + 5d)	6/60/600V	±(0.5% + 5d)
	1000V	±(0.1% + 5d)	1000V	±(0.8% + 5d)
AC Voltage	600mV	±(1.0% + 5d)	600mV	±(1.0% + 3d)
	6/60/600V	±(1.0% + 5d)	6/60/600V	±(1.0% + 3d)
	1000V	±(1% + 10d)	1000V	±(1% + 5d)
DC Current			60/600A	±(2.5% + 10d)
AC Current	60/600A	±(2.5% + 10d)	60/600A	±(2.5% + 10d)
Resistance	600Ω	±(1.0% + 10d)	600Ω	±(1.0% + 5d)
	6k/60k/600k/6MΩ	±(0.8% + 5d)	6k/60k/600k/6MΩ	±(1.0% + 2d)
	60MΩ	±(2.0% + 10d)	60MΩ	±(1.2% + 8d)
Capacitance	10nF	±(4.0% + 25d)	10nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
	1m/10mF	±(10% + 5d)	1m/10mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 4d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-40°C~0°C	±(5% + 4d)	-40°C~0°C	±4°C
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 30d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(3.0% + 30d)
Temperature (°F)	-4°F~50°F	±(5% + 4d)	-4°F~50°F	±5°F
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 50d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(3.0% + 50d)

Express function		
True RMS	●	●
Display Count	5999	5999
Diode Test	●	●
Continuity Buzzer	●	●
Flashlight	●	●
NCV	●	●
Live Wire Recognition	●	●
Analog Bar Display	●	●
LCD Display	Graphical	Graphical
MAX/MIN	●	●
Data Hold	●	●
Inrush Current Test	●	●
Relative Mode	●	●
Auto Power Off	●	●
Range Selection	Smart/Auto	Smart/Auto

General Features		
CAT Rating	CAT III 1000V / CAT IV 600V	CAT III 1000V / CAT IV 600V
Battery Type	1.5V(AAA) × 3	1.5V(AAA) × 3
Jaw Size	Φ30.4x44.5mm	Φ30.4x44.5mm
Display	36x50.5mm	36x50.5mm
Product Size	225x75x35mm	225x75x35mm
Product Weight	250g	250g
CTN Size	64.5x30.5x31cm	64.5x30.5x31cm
Q'ty/CTN	20pcs	20pcs
NW/GW	12.2kg/14.2kg	12.2kg/14.2kg



HK688V

HK688VD

Φ34mm
True RMS
10mA~600A

HK588A/588B

2,000 counts clamp meter with 600A AC

Specifications	HK588A		HK588B	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	200mV	±(0.5% + 3d)
	2/20/200V	±(0.8% + 5d)	2/20/200V	±(0.8% + 5d)
	600V	±(1.0% + 5d)	600V	±(1.0% + 5d)
AC Voltage	200mV	±(0.8% + 3d)	200mV	±(0.8% + 3d)
	2/20/200V	±(0.8% + 5d)	2/20/200V	±(0.8% + 5d)
	600V	±(1.0% + 5d)	600V	±(1.0% + 5d)
AC Current	2/20/200/600A	±(2.5% + 10d)	2/20/200/600A	±(2.5% + 10d)
	200Ω	±(1.0% + 10d)	200Ω	±(1.0% + 10d)
Resistance	2k/20K/200k/2MΩ	±(0.8% + 5d)	2k/20K/200k/2MΩ	±(0.8% + 5d)
	20MΩ	±(2.0% + 10d)	20MΩ	±(2.0% + 10d)
Temperature (°C)			-20°C~0°C	±(5% + 4d)
			0°C~400°C	±(2% + 3d)
			400°C~1000°C	±(3% + 3d)
Temperature (°F)			0°F~50°F	±(5% + 4d)
			50°F~750°F	±(2% + 3d)
			750°F~1832°F	±(3% + 3d)
Express function				
True RMS			●	
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LPF ACV / ACA	LPF ACV		LPF ACA	
LCD Backlight	●		●	
MAX/MIN	MAX		MAX	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw Size	Φ22.7x42.3mm		Φ22.7x42.3mm	
Display	35x22mm		35x22mm	
Product Size	194x72x35mm		194x72x35mm	
Product Weight	230g		230g	
CTN Size	48.5x27x47.5cm		48.5x27x47.5cm	
Q'ty/CTN	30pcs		30pcs	
NW/GW	15kg/16kg		15kg/16kg	



HK588C/588D

4,000 counts TRMS clamp meter

Specifications	HK588C		HK588D	
	Range	Accuracy	Range	Accuracy
DC Voltage	400mV	±(0.5% + 3d)	400mV	±(0.5% + 3d)
	4/40/400V	±(0.8% + 5d)	4/40/400V	±(0.8% + 5d)
	600V	±(1.0% + 5d)	600V	±(1.0% + 5d)
AC Voltage	400mV	±(0.8% + 3d)	400mV	±(0.8% + 3d)
	4/40/400V	±(1.0% + 5d)	4/40/400V	±(1.0% + 5d)
	600V	±(1.0% + 5d)	600V	±(1.2% + 5d)
DC Current			40/400/600A	±(2.5% + 10d)
AC Current	40/400/600A	±(2.5% + 10d)	40/400/600A	±(2.5% + 10d)
	400Ω	±(1.0% + 10d)	400Ω	±(1.0% + 10d)
Resistance	4k/40k/400k/4MΩ	±(0.8% + 5d)	4k/40k/400k/4MΩ	±(0.8% + 5d)
	40MΩ	±(2.0% + 10d)	40MΩ	±(2.0% + 10d)
Capacitance	10nF	±(4.0% + 25d)	10nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
	1m/10mF/100mF	±(10% + 5d)	1m/10m/100mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)
Duty Cycle	0.1~99.9%	0.1~99.9%	0.1~99.9%	0.1~99.9%
Temperature (°C)	-20°C~0°C	±(5% + 4d)	-20°C~0°C	±(5% + 4d)
	0°C~400°C	±(2% + 3d)	0°C~400°C	±(2% + 3d)
	400°C~1000°C	±(3% + 3d)	400°C~1000°C	±(3% + 3d)
Temperature (°F)	0°F~50°F	±(5% + 4d)	0°F~50°F	±(5% + 4d)
	50°F~750°F	±(2% + 3d)	50°F~750°F	±(2% + 3d)
	750°F~1832°F	±(3% + 3d)	750°F~1832°F	±(3% + 3d)
Express function				
True RMS	●		●	
Display Count	3999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw Size	Φ22.7x42.3mm		Φ22.7x42.3mm	
Display	35x22mm		35x22mm	
Product Size	194x72x35mm		194x72x35mm	
Product Weight	230g		230g	
CTN Size	48.5x27x47.5cm		48.5x27x47.5cm	
Q'ty/CTN	30pcs		30pcs	
NW/GW	15kg/16kg		15kg/16kg	



HK588E

6,000 counts TRMS clamp meter with 1000A AC/DC

Specifications	HK588E	
	Range	Accuracy
DC Voltage	600mV	± (0.5% + 3d)
	6/60/600V	± (0.8% + 5d)
	1000V	± (1.0% + 5d)
AC Voltage	600mV	± (0.8% + 3d)
	6/60/600V	± (1.0% + 5d)
	750V	± (1.2% + 5d)
DC Current	60/600/1000A	± (2.5% + 10d)
AC Current	60/600/1000A	± (2.5% + 10d)
Resistance	600Ω	± (1.0% + 10d)
	6k/60k/600k/6MΩ	± (0.8% + 5d)
	60MΩ	± (2.0% + 10d)
Capacitance	10nF	± (4.0% + 25d)
	100n/1u/10u/100uF	± (4.0% + 15d)
	1m/10mF/100mF	± (10% + 5d)
Frequency	10/100/1k/10k/100k/1M/10MHz	± (0.5% + 2d)
Duty Cycle	0.1~99.9%	0.1~99.9%
Temperature (°C)	-20°C~0°C	± (5% + 4d)
	0°C~400°C	± (2% + 3d)
	400°C~1000°C	± (3% + 3d)
Temperature (°F)	0°F~50°F	± (5% + 4d)
	50°F~750°F	± (2% + 3d)
	750°F~1832°F	± (3% + 3d)
Express function		
True RMS	●	
Display Count	5999	
Diode Test	●	
Continuity Buzzer	●	
Flashlight	●	
NCV	●	
Live Wire Recognition	●	
LCD Backlight	●	
Data Hold	●	
Inrush Current Test	●	
Relative Mode	●	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT Rating	CAT III 600V	
Battery Type	1.5V(AAA)×3	
Jaw Size	Φ24.7x42.3mm	
Display	35x22mm	
Product Size	194x72x35mm	
Product Weight	230g	
CTN Size	48.5x27x47.5cm	
Q'ty/CTN	30pcs	
NW/GW	15kg/16kg	



HK588E

HK3366/HK3366T

2,000 counts clamp meter with 600A AC

Specifications	HK3366		HK3366T	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	± (0.5% + 3d)	200mV	± (0.5% + 3d)
	2/20/200V	± (0.8% + 5d)	2/20/200V	± (0.8% + 5d)
	600V	± (1.0% + 5d)	200V	± (1.0% + 5d)
AC Voltage	2/20/200V	± (0.8% + 5d)	2/20/200V	± (0.8% + 5d)
	600V	± (1.0% + 5d)	600V	± (1.0% + 5d)
AC Current	2/20/200/600A	± (2.5%+10d)	2/20/200/600A	± (2.5%+10d)
Resistance	200Ω	± (1.0% + 10d)	200Ω	± (1.0% + 10d)
	2k/20k/200k/2MΩ	± (0.8% + 5d)	2k/20k/200k/2MΩ	± (0.8% + 5d)
	20MΩ	± (2.0% + 10d)	20MΩ	± (2.0% + 10d)
Temperature (°C)			-20°C~0°C	± (5% + 4d)
			0°C~400°C	± (2% + 3d)
			400°C~1000°C	± (3% + 3d)
Temperature (°F)			0°F~50°F	± (5% + 4d)
			50°F~750°F	± (2% + 3d)
			750°F~1832°F	± (3% + 3d)
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3	
Jaw Size	Φ24.7x42.3mm		Φ24.7x42.3mm	
Display	35x22mm		35x22mm	
Product Size	194x72x35mm		194x72x35mm	
Product Weight	230g		230g	
CTN Size	48.5x27x47.5cm		48.5x27x47.5cm	
Q'ty/CTN	30pcs		30pcs	
NW/GW	15kg/16kg		15kg/16kg	



HK3366



HK3366T

HK221A/HK221C+

TRMS mini compact AC/DC clamp meter

Specifications	HK221A		HK221C+	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 3d)	6/60/600V	±(0.8% + 5d)
	2/20/200/600V	±(0.5% + 3d)		
AC Voltage	2/20/200/600V	±(0.8% + 3d)	6/60/600V	±(1.0% + 5d)
DC Current	2/20/100A	±(2.5% + 10d)	600u/6000u/60m/600mA	±(1.5% + 10d)
AC Current	2/20/100A	±(2.5% + 10d)	600u/6000u/60m/600mA	±(2.5% + 10d)
			6/60/200A	±(2.5% + 10d)
Resistance	200Ω	±(1.0% + 3d)	600Ω	±(1.0% + 5d)
	2k/20k/200k/2MΩ	±(0.5% + 3d)	6k/60k/600k/6MΩ	±(1.0% + 2d)
	20MΩ	±(1.0% + 10d)	60MΩ	±(1.2% + 8d)
Capacitance	10nF	±(4.0% + 5d)	60nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(3.0% + 5d)	600n/6u/60u/600uF	±(4.0% + 15d)
	1m/10mF	±(10% + 5d)	6m/60mF	±(10% + 5d)
Frequency	10/100/1kHz	±(0.5% + 2d)	10/100/1k/10kHz	±(0.5% + 2d)
Duty Cycle			1%~99%	±(2.5% + 3d)
Temperature (°C)			-20°C~0°C	±4°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)

Express function		
True RMS	●	●
Display Count	1999	5999
Diode Test	●	●
Continuity Buzzer	●	●
NCV	●	●
Live Wire Recognition		●
V.F.C		●
LoZ ACV/DCV		●
LCD Backlight	●	●
Data Hold	●	●
Relative Mode	●	
Auto Power Off	●	●
Range Selection	Auto	Auto

General Features		
CAT Rating	CAT III 600V	CAT III 600V
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2
Jaw Size	Φ17x27mm	Φ17x27mm
Display	36.5x21mm	36.5x21mm
Product Size	178x60x32mm	178x60x32mm
Product Weight	165g	165g
CTN Size	40x31.5x39.5cm	40x31.5x39.5cm
Q'ty/CTN	50pcs	50pcs
NW/GW	15kg/16kg	15kg/16kg



HK221C+

HK221B/HK221C

6,000 counts mini compact TRMS clamp meter

Specifications	HK221B		HK221C	
	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)	600mV	±(0.7% + 5d)
	6/60/600V	±(0.8% + 5d)	6/60/600V	±(0.8% + 5d)
AC Voltage	6/60/600V	±(1.0% + 5d)	600mV	±(1.0% + 10d)
DC Current	6m/60m/600mA	±(1.5% + 10d)		
	60/200A	±(2.5% + 10d)		
AC Current	6m/60m/600mA	±(2.5% + 10d)		
	60/200A	±(2.5% + 10d)	6000m/60/200A	±(2.5% + 10d)
Loz AC/DC			600V	±(1.0%+5)
Resistance	600Ω	±(1.0% + 5d)	600Ω	±(1.0% + 10d)
	6k/60k/600k/6MΩ	±(1.0% + 2d)	6k/60k/600k/6MΩ	±(0.8% + 5d)
	60MΩ	±(1.2% + 8d)	60MΩ	±(2.0% + 10d)
Capacitance	60nF	±(4.0% + 25d)	10nF	±(4.0% + 25d)
	600n/6u/60u/600uF	±(4.0% + 15d)	100n/1u/10u/100uF	±(4.0% + 15d)
	6m/60mF	±(10% + 5d)	1m/10mF	±(10% + 5d)
Frequency	10/100/1k/10k/100k/1MHz	±(0.5% + 2d)	10/100/1kHz	±(0.5% + 2d)
Duty Cycle	1%~99%	±(2.5% + 3d)	1%~99%	±(1.2% + 3d)
Temperature (°C)			-20°C~0°C	
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±5°F
			50°F~750°F	±(2.0% + 5d)
			750°F~1832°F	±(3.0% + 5d)

Express function		
True RMS	●	●
Display Count	5999	5999
Diode Test	●	●
Continuity Buzzer	●	●
NCV	●	●
Live Wire Recognition	●	●
V.F.C		●
LCD Backlight	●	●
Data Hold	●	●
Relative Mode	●	●
Auto Power Off	●	●
Range Selection	Auto	Auto

General Features		
CAT Rating	CAT III 600V	CAT III 600V
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2
Jaw Size	Φ17x27mm	Φ17x27mm
Display	36.5x21mm	36.5x21mm
Product Size	178x60x32mm	178x60x32mm
Product Weight	165g	165g
CTN Size	40x31.5x39.5cm	40x31.5x39.5cm
Q'ty/CTN	50pcs	50pcs
NW/GW	15kg/16kg	15kg/16kg



HK221B



HK221C

HK221D/HK221F

4,000 counts mini compact TRMS clamp meter

Specifications	HK221D		HK221F	
	Range	Accuracy	Range	Accuracy
DC Voltage	400mV	±(0.7% + 5d)	400mV	±(0.7% + 5d)
	4/40/400/600V	±(0.8% + 5d)	4/40/400/600V	±(0.8% + 5d)
AC Voltage	4/40/400/600V	±(1.0% + 5d)	4/40/400/600V	±(1.0% + 5d)
			40/200V	±(2.5% + 10d)
DC Current			40A/200A	±(1.5% + 10d)
AC Current	4/40/200A	±(2.5% + 10d)	40/200A	±(2.5% + 10d)
	400Ω	±(1.0% + 10d)	400Ω	±(1.0% + 10d)
	4k/40k/400k/4MΩ	±(0.8% + 5d)	4k/40k/400k/4MΩ	±(0.8% + 5d)
	40MΩ	±(2.0% + 10d)	40MΩ	±(2.0% + 10d)
Capacitance	40nF	±(4.0% + 25d)	40nF	±(4.0% + 25d)
	400n/4u/40u/400uF	±(4.0% + 15d)	400n/4u/40u/400uF	±(4.0% + 15d)
	4mF	±(10% + 5d)	4mF	±(10% + 5d)
Frequency	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)	10/100/1k /10k/100k/1M/10MHz	±(0.5% + 2d)
Temperature (°C)	-20°C~0°C	±4°C	-20°C~0°C	±4°C
	0°C~400°C	±(2.0% + 3d)	0°C~400°C	±(2.0% + 3d)
	400°C~1000°C	±(3.0% + 3d)	400°C~1000°C	±(3.0% + 3d)
Temperature (°F)	-4°F~50°F	±5°F	-4°F~50°F	±5°F
	50°F~750°F	±(2.0% + 5d)	50°F~750°F	±(2.0% + 5d)
	750°F~1832°F	±(3.0% + 5d)	750°F~1832°F	±(3.0% + 5d)
Express function				
True RMS	●		●	
Display Count	3999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
LCD Backlight	●		●	
MAX/MIN	●		●	
Data Hold	●		●	
Relative Mode	●		●	
Auto Power Off	●		●	
Range Selection	Auto		Auto	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA) × 2		1.5V(AAA) × 2	
Jaw Size	Φ17x27mm		Φ17x27mm	
Display	36.5x21mm		36.5x21mm	
Product Size	178x60x32mm		178x60x32mm	
Product Weight	165g		165g	
CTN Size	40x31.5x39.5cm		40x31.5x39.5cm	
Q'ty/CTN	50pcs		50pcs	
NW/GW	15kg/16kg		15kg/16kg	



HK221D



HK221F

A3399/YT306

2,000 counts pocket type clamp meter

Specifications	A3399		YT306	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.8% + 3d)	600V	±(1.2% + 3d)
	2/20/200/600V	±(1.2% + 3d)		
AC Voltage	2/40/200V	±(1.5% + 3d)	450V	±(2.0% + 5d)
	600V	±(1.5% + 3d)		
AC Current	2/20/200A	±(2.5% + 5d)	20/200/400A	±(2.5% + 5d)
	500A	±(2.5% + 10d)		
Capacitance	200Ω	±(1.0% + 2d)	200kΩ	±(1.0% + 8d)
	2k/20k/200k/2MΩ	±(1.5% + 2d)		
	20MΩ	±(2% + 3d)		
Express function				
True RMS	●			
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
LCD Backlight			●	
Flashlight			●	
MAX/MIN	MAX			
Data Hold	●		●	
Auto Power Off	●			
Range Selection	Auto		Manual	
General Features				
CAT Rating	CAT III 600V		CAT II 600V	
Battery Type	1.5V(AAA) × 3		1.5V(AAA) × 2	
Jaw Size	Φ21.5mm		Φ27mm	
Display	35.5x16.5mm		34x18mm	
Product Size	131.5x61x24.8mm		150x60x30mm	
Product Weight	135g		137.5g	
CTN Size	52x28x43.5cm		45.5x35x27.5cm	
Q'ty/CTN	100pcs		30pcs	
NW/GW	26kg/27kg		8kg/8.5kg	



A3399 Only YT306 Only



A3399



YT306

A3380B/A3383/A3390

Slim-designed clamp me ter with double open jaws



A3380B



A3383



A3390

Specifications	A3380B		A3383		A3390	
	Range	Accuracy	Range	Accuracy	Range	Accuracy
DC Voltage	600V	±(0.8% + 2d)	400m/4/40/400V	±(0.5% + 2d)	400m/4/40/400/600V	±(0.5% + 3d)
AC Voltage	600V	±(1.5% + 3d)	4/40/400V	±(1.0% + 3d)	4/49/400/600V	±(1.0% + 0d)
DC Current					400/1000A	±(2.5% + 3d)
AC Current	2/20/200/500A	±(2.5% + 10d)	400A	±(2.0% + 5d)	400/1000A	±(2.5% + 5d)
Resistance	2kΩ	±(0.8% + 2d)	400Ω	±(1.0% + 2d)	400/4k/40k/400k/4MΩ	±(0.5% + 3d)
			4k/40k/400k/4MΩ	±(0.8% + 2d)	40MΩ	±(1.5% + 3d)
Capacitance			51.2n/512n5.12u/51.2uF	±(4.0% + 5d)		
			100uF	±(5.0% + 10d)		
Frequency			10/100/1k/10k/100k/1M/10MHz	±(0.5% + 4d)	10/100/1k/10k/100k/1MHz	±(0.1% + 3d)
Duty Cycle			0.1%~99.9%	±(1.2% + 3d)		
Temperature (°C)			-20°C~800°C	±(3% + 1)		
Express function						
Display Count	1999		3999		3999	
Diode Test	●		●		●	
Continuity Buzzer	●		●		●	
LCD Backlight	●		●		●	
Data Hold	●		●		●	
Relative mode			●		●	
Auto Power Off	●		●		●	
Range Selection	Manual		Auto/Manual		Auto/Manual	
General Features						
CAT Rating	CAT II 600V		CAT II 600V		CAT II 600V	
Battery Type	CR2032*3		CR2032*3		CR2032*3	
Jaw Size	Φ40x43mm		Φ40x43mm		Φ40x43mm	
Display	38x17mm		38x17mm		38x17mm	
Product Size	190x64x22mm		190x64x22mm		190x64x22mm	
Product Weight	150g		150g		150g	
Ctn Size	41.5x27x47cm		41.5x27x47cm		41.5x27x47cm	
Q'ty/Ctn	60pcs		60pcs		60pcs	
NW/GW	18kg/19kg		18kg/19kg		18kg/19kg	

HK266/266C

2,000 counts TRMS clamp meter with 1000A AC



HK266



HK266C

Specifications	HK266		HK266C	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 1d)	200mV	±(0.5% + 1d)
	2/20/200V	±(0.5% + 3d)	2/20/200V	±(0.5% + 3d)
	1000V	±(0.8% + 3d)	1000V	±(0.8% + 3d)
AC Voltage	200V	±(1.0% + 5d)	200V	±(1.0% + 5d)
	750V	±(1.2% + 5d)	750V	±(1.2% + 5d)
AC Current	20/200A	±(2.5% + 5d)	20/200A	±(2.5% + 5d)
	1000A	±(2.5% + 10d)	1000A	±(2.5% + 10d)
Resistance	200/20K/2MΩ	±(1.0% + 8d)	200/20K/2MΩ	±(1.0% + 8d)
	20MΩ	±(2% + 2d)	20MΩ	±(2% + 2d)
	500MΩ	±(5.0% + 2d)	500MΩ	±(5.0% + 2d)
Temperature (°C)			-20°C~0°C	±3°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			0°F~50°F	±5°F
			50°F~750°F	±(3.0% + 3d)
			750°F~1832°F	±(3.0% + 3d)
Express function				
True RMS	●		●	
Display Count	1999		1999	
Continuity Buzzer	●		●	
NCV	●			
Live Wire Recognition	●			
Data Hold	●		●	
Auto Power Off	●		●	
Wake Up	●		●	
Range Selection	Manual		Manual	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Jaw Size	Φ53mm		Φ53mm	
Display	48x16mm		48x16mm	
Product Size	96x235x46mm		96x235x46mm	
Product Weight	330g		330g	
CTN Size	54x28x55cm		54x28x55cm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	20.6kg/21.6kg		20.6kg/21.6kg	

HK266F/266D

TRMS clamp meter with 1000A

Specifications	HK266F		HK266D	
	Range	Accuracy	Range	Accuracy
DC Voltage	200mV	±(0.5% + 1d)	400mV	±(0.5% + 1d)
	2/20/200V	±(0.5% + 3d)	4/40/400V	±(0.5% + 3d)
	1000V	±(0.8% + 3d)	1000V	±(0.8% + 5d)
AC Voltage	200V	±(1.0% + 5d)	4/40V	±(0.5% + 3d)
	750V	±(1.2% + 5d)	400V	±(1.0% + 5d)
			750V	±(1.2% + 5d)
DC Current			40/400/1000A	±(2.5% + 10d)
AC Current	20/200A	±(2.5% + 5d)	40/400/1000A	±(2.5% + 10d)
	1000A	±(2.5% + 10d)		
Resistance	200/20K/2MΩ	±(1.0% + 8d)	400Ω	±(1.0% + 10d)
	20MΩ	±(2% + 2d)	4k/40k/400k/4MΩ	±(0.8% + 5d)
	500MΩ	±(5.0% + 2d)	40MΩ	±(2.0% + 10d)
Capacitance			10nF	±(4.0% + 25d)
			100n/1u/10u/100uF	±(4.0% + 15d)
			1m/10m/100mF	±(5.0% + 25d)
Frequency	2kHz	±(2.0% + 5d)	10/100/1k/10k/100k/1M/10MHz	±(0.5% + 2d)
Temperature (°C)			-20°C~0°C	±3°C
			0°C~400°C	±(2.0% + 3d)
			400°C~1000°C	±(3.0% + 3d)
Temperature (°F)			-4°F~50°F	±6°F
			50°F~750°F	±(3.0% + 3d)
			750°F~1832°F	±(3.0% + 3d)
Express function				
True RMS	●		●	
Display Count	1999		3999	
Diode Test			●	
Continuity Buzzer	●		●	
NCV	●		●	
Live Wire Recognition	●		●	
MAX/MIN			●	
Data Hold	●			
Relative Mode			●	
Auto Power Off	●		●	
Wake Up	●		●	
Range Selection	Manual		Auto	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	1.5V(AAA) × 2		1.5V(AAA) × 2	
Jaw Size	Φ53mm		Φ53mm	
Display	48 × 16mm		48 × 16mm	
Product Size	96 × 235 × 46mm		96 × 235 × 46mm	
Product Weight	330g		330g	
CTN Size	54 × 28 × 55cm		54 × 28 × 55cm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	20.6kg/21.6kg		20.6kg/21.6kg	



HK266F



HK266D

A901/A908

6,000 counts AC clamp meter

Specifications	A901		A908	
	Range	Accuracy	Range	Accuracy
AC Voltage	200m/600V	±(1.2% + 5d)	200m/600V	±(1.2% + 5d)
	2/20/200V	±(1.0% + 3d)	2/20/200V	±(1.0% + 3d)
AC Current	2A	±(2.5% + 5d)	2A	±(2.5% + 5d)
	20/200A	±(2.0% + 5d)	20/200A	±(2.0% + 5d)
	600A	±(2.5% + 10d)	1000A	±(2.5% + 10d)
Resistance	200/2k/20K/200K/2MΩ	±(1.0% + 2d)	200/2k/20K/2MΩ	±(1.0% + 2d)
	20MΩ	±(2% + 3d)	20MΩ	±(2% + 3d)
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
MAX/MIN	MAX		MAX	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Auto/Manual		Auto/Manual	
General Features				
CAT Rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Jaw Size	Φ33mm		Φ45mm	
Display	37.2x20.5mm		37.2x20.5mm	
Product Size	197.5x76x30 mm		257x75x30 mm	
Product Weight	215g		231g	
CTN Size	49x24x47 cm		49x24x47 cm	
Q'ty/CTN	30pcs		30pcs	
NW/GW	14kg/15kg		14kg/15kg	



A901



A908

Automotive Multimeters

Automotive - battery testing, starter motor diagnosis, alternator testing, fuel pump current draw, cooling fan diagnosis, ignition system testing, injector circuit testing, electric power steering testing, sensor testing.

Battery and charging system diagnostics.

Starter and ignition system testing.

Fuel injection and engine management system troubleshooting.

Electrical accessory and lighting system checks.

Sensor and actuator testing.

Wiring and connector integrity verification.

Hybrid and electric vehicle high-voltage system safety checks.



HK78M

6,000 counts TRMS digital automotive multimeter

Specifications	HK78M	
	Range	Accuracy
DC Voltage	600m/6/60/600V	±(0.5%+3d)
	1000V	±(1.0%+3d)
AC Voltage	6/60/600V	±(1.0%+3d)
	750V	±(1.2%+5d)
DC Current	60m/600mA	±(1.5%+1d)
	10A	±(2.0%+5d)
AC Current	60m/600mA	±(1.8%+3d)
	10A	±(3.0%+7d)
Resistance	600/6k/60k/600k/6MΩ	±(1.0%+3d)
	60MΩ	±(1.5%+5d)
Capacitance	10nF	±(4.0%+25d)
	100nF-100uF	±(4.0%+15d)
	1mF	±(10.0%+5d)
Frequency	100/1k /10k/100k/1MHz	±(0.1%+2d)
Duty Cycle	1%~99%	±(1.2%+3d)
Temperature (°C)	-20°C~0°C	±4°C
	0°C~400°C	±(1.0%+3d)
	400°C~1000°C	±(2.0%+3d)
Temperature (°F)	-4°F~50°F	±5°F
	50°F~750°F	±(1.0%+3d)
	750°F~1832°F	±(2.0%+3d)
Tach (500-10000RPM)	3/4/5/6/8CYL	±(1.2%+2d)
Dwell	3CYL/0-120.0°	±(1.2%+2d)
	4CYL/0-90.0°	
	5CYL/0-72.0°	
	6CYL/0-60.0°	
	8CYL/0-45.0°	

Express function	
True RMS	●
Display Count	5999
Diode Test	●
Continuity Buzzer	●
Flashlight	●
LCD Backlight	●
MAX/MIN	MAX
Data Hold	●
Relative mode	●
Auto Power Off	●
Range Selection	Auto/Manual

General Features	
CAT Rating	CAT III 1000V / CAT IV 600V
Battery Type	1.5V(AA)×2
Display	60.5x36.5mm
Product Size	185x88x54mm
Product Weight	355g
CTN Size	46x31x34.5cm
Q'ty/CTN	20pcs
NW/GW	12kg/13kg



HK78M

A600/A616

2,000 counts digital automotive multimeter

Specifications	A600		A616	
	Range	Accuracy	Range	Accuracy
DC Voltage	2/20/200V	±(0.5%+2d)	200m/2/20/200V	±(0.8%+2d)
	1000V	±(0.8%+3d)	1000V	±(1.0%+3d)
AC Voltage	2/20/200V	±(0.8%+3d)	2/20/200V	±(1.0%+3d)
	700V	±(1.2%+5d)	700V	±(1.2%+5d)
DC Current	200mA	±(1.2%+2d)	20m/200mA	±(1.5%+1d)
	10A	±(2.0%+5d)	2/10A	±(2.0%+5d)
AC Current	200mA	±(1.8%+3d)	20m/200mA	±(1.8%+3d)
	10A	±(3.0%+7d)	2/10A	±(3.0%+7d)
Resistance	200Ω	±(0.8%+3d)	200/2K/20K/200K/2MΩ	±(1.0%+3d)
	20K/200KΩ	±(0.8%+2d)	20MΩ	±(1.5%+5d)
	20MΩ	±(1.5%+5d)		
Duty Cycle	1%~99%	±1.5%		
Temperature (°C)	-20°C~400°C	±(1%+3d)	-20°C~0°C	±(5%+4d)
	400°C~400°C	±(2.0%+4d)	0°C~400°C	±(1.0%+3d)
			400°C~1000°C	±(2.0%+3d)
Temperature (°F)			-4°F~32°F	±(5%+4d)
			32°F~752°F	±(1.0%+3d)
			752°F~1832°F	±(2.0%+3d)
Tach (500-10000RPM)	3/4/5/6/8CYL	±(1.2%+2d)	3/4/5/6/8CYL	±(1.2%+2d)
Dwell	3CYL/0-120.0°	±(1.2%+2d)	3CYL/0-120.0°	±(1.2%+2d)
	4CYL/0-90.0°		4CYL/0-90.0°	
	5CYL/0-72.0°		5CYL/0-72.0°	
	6CYL/0-60.0°		6CYL/0-60.0°	
	8CYL/0-45.0°		8CYL/0-45.0°	
Express function				
Display Count	1999		1999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Flashlight	●		●	
LCD Backlight	●		●	
MAX/MIN			MAX	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	Manual		Auto	
General Features				
CAT Rating	CAT III 1000V		CAT III 1000V	
Battery Type	6F22 9V		1.5V(AAA)×2	
Display	61x36mm		53.5x29mm	
Product Size	190x88.5x27.5mm		180x87x50mm	
Product Weight	320g		355g	
CTN Size	50x31x46cm		46x30x33.5cm	
Q'ty/CTN	30pcs		20pcs	
NW/GW	21kg/22kg		12.5kg/13.5kg	



A600



A616



Insulation Testers

Insulation resistance meters are designed to measure electrical resistance of insulation in cables, wires, transformers, motors, and other electrical equipment. These devices are essential for preventive main-tenance, troubleshooting, and ensuring compliance with electrical safety standards.

Preventive maintenance programs: Regular testing helps identify insulation degradation before failures occur.

Commissioning new installations: Ensuring proper insulation integrity before energizing systems.

Troubleshooting: Identifying the root cause of electrical faults and equipment failures.

Safety compliance: Meeting regulatory requirements and industry standards for electrical safety.

Quality control: Verifying the condition of electrical equipment during manufacturing or after repairs.



Selection Guide - Portable Insulation Tester.

Model	HK4432A	HK4432B	HK4432C	A4430	A4431
Product Images					
100V	<1.5MΩ	0.01MΩ-100MΩ	0.01MΩ-100MΩ	—	0.01MΩ-100MΩ
	1.5MΩ-100MΩ	100MΩ-11GΩ	100MΩ-1GΩ	—	100MΩ-1000MΩ
	100.1MΩ-2GΩ	11GΩ-100GΩ	1GΩ-200GΩ	—	1000MΩ-2000MΩ
250V	<1.5MΩ	0.01MΩ-100MΩ	0.01MΩ-100MΩ	0.01MΩ-200MΩ	0.01MΩ-100MΩ
	1.5MΩ-200MΩ	100MΩ-11GΩ	200MΩ-1GΩ	200MΩ-10GΩ	100MΩ-1000MΩ
	200.1MΩ-5GΩ	11GΩ-100GΩ	1GΩ-200GΩ	10GΩ-20GΩ	1000MΩ-2000MΩ
500V	<1.5MΩ	0.01MΩ-100MΩ	0.01MΩ-500MΩ	0.01MΩ-200MΩ	0.01MΩ-100MΩ
	1.5MΩ-1000MΩ	100MΩ-11GΩ	500MΩ-1GΩ	200MΩ-10GΩ	100MΩ-1000MΩ
	1001MΩ-10GΩ	11GΩ-100GΩ	1GΩ-200GΩ	10GΩ-20GΩ	1000MΩ-2000MΩ
1000V	<1.5MΩ	0.01MΩ-100MΩ	0.01MΩ-2GΩ	0.01MΩ-200MΩ	0.01MΩ-100MΩ
	1.5MΩ-1000MΩ	100MΩ-11GΩ	2GΩ-20GΩ	200MΩ-10GΩ	100MΩ-1000MΩ
	1001MΩ-20GΩ	11GΩ-100GΩ	20GΩ-200GΩ	10GΩ-20GΩ	1000MΩ-2000MΩ
2500V	—	—	0.01MΩ-2GΩ	0.01MΩ-200MΩ	—
	—	—	2GΩ-50GΩ	200MΩ-10GΩ	—
	—	—	20GΩ-200GΩ	10GΩ-20GΩ	—
Test Voltage Accuracy	100/250/500/1000V	100/250/500/1000V	100/250/500/1000/2500V	250/500/1000/2500V	100/250/500/1000V
Output Voltage (Stepping)	—	50-1250V	50-2500V	—	—
Load Current	1mA				
Short-Circuit Current	<2mA				
Low Resistance	—	1000Ω	1000Ω	—	—
DC Voltage	1000V	30-2500V	30-2500V	—	—
AC Voltage	1000V	30-1500V	30-1500V	750V	750V
Accuracy	±(% reading + digits) at 23°C±5°C; RH≤75%				
Display Count	3 5/6 Dgt. (6000 Count)			3 1/2 Dgt. (2000 Count)	
DAR/PI	—	●	●	—	—
True RMS	●	●	●	—	—
Continuity Buzzer	—	—	—	<70Ω ±30Ω; beeper on	
LCD Backlight	●	●	●	●	—
Data Hold	●	●	●	—	●
Inbuilt Charging Port	●	●	●	●	●
Operating Temperature	0°C to 40°C (RH≤85%)				
Storage Temperature	-10°C to 50°C (RH≤75%)				
Low Battery	●	●	●	●	●
Auto Power Off	●	●	●	—	●
Range Selection	Auto	Auto	Auto	Auto	Manual
CAT Rating	CAT III 600V				
Battery Type	1.5V (AA)×8				1.5V (AA)×6
Accessories	Insulation test leads for high voltage ×1; batteries; instruction manual; carrying case			Insulation test leads for high voltage ×1; batteries; instruction manual; carrying case; adaptor (optional)	
Display	98×46.5mm			72.5×38.5mm	
Product Size	165×110×73mm				
Product Weight	520g			540g	520g
CTN Size	44×32.5×39.5cm				
Q'ty/CTN	20pcs				
NW/GW	18.3kg/19.3kg				

Selection Guide - Handheld Insulation Tester

Model	HK60B	HK60C	HK60D	HK60E	HK60F	HK505	HK705
Product Images							
50V	—	—	—	—	—	1.0GΩ	—
100V	2000MΩ	—	—	—	—	2.0GΩ	—
250V	2000MΩ	—	—	—	—	5.0GΩ	600.0MΩ
500V	2000MΩ	—	2000MΩ	200MΩ	2000MΩ	10GΩ	1.000GΩ
1000V	2000MΩ	200MΩ	—	—	—	20GΩ	10.00GΩ
Test Voltage Accuracy	100/250/500/1000V	1000V	1000V	500V	500V	50/100/250/500/1000V	250/500/1000V
Load Current	1mA	1mA	1mA	1mA	1mA	1mA	1mA
Short-Circuit Current	—	—	—	—	—	—	—
DC Voltage	—	—	—	—	—	1000V	1000V
AC Voltage	—	—	—	—	—	1000V	1000V
Resistance	—	—	—	—	—	60MΩ	60MΩ
DC Current	—	—	—	—	—	—	20A
AC Current	—	—	—	—	—	—	20A
Capacitance	—	—	—	—	—	100mF	60mF
Temperature (°C)	—	—	—	—	—	—	1300°C
Temperature (°F)	—	—	—	—	—	—	2372°F
Inductance	—	—	—	—	—	—	60H
Frequency	—	—	—	—	—	1KHz	20MHz
Duty Cycle	—	—	—	—	—	0.1%-99.9%	1%-99%
Accuracy	± (% reading + digits) at 23°C±5°C; RH≤75%						
Display Count	3 1/2 Dgt. (2000)	3 1/2 Dgt. (2000)	3 1/2 Dgt. (2000)	3 1/2 Dgt. (2000)	3 1/2 Dgt. (2000)	3 5/6 Dgt. (6000)	3 5/6 Dgt. (6000)
True RMS	—	—	—	—	—	●	●
DAR/PI	—	—	—	—	—	●	—
Diode Test	—	—	—	—	—	●	●
Continuity Buzzer	—	—	—	—	—	<30Ω; beeper on	<30Ω; beeper on
Flashlight	—	—	—	—	—	●	—
LCD Backlight	—	—	—	—	—	●	●
Data Hold	—	—	—	—	—	●	●
Relative Mode	—	—	—	—	—	—	●
Low Battery Display	●	●	●	●	●	●	●
Operating Temperature	0°C to 40°C (RH≤85%)						
Storage Temperature	-10°C to 50°C (RH≤75%)						
Insulation Resistance	—	—	—	—	—	≥500MΩ/1000V	≥500MΩ/1000V
Voltage Withstand	—	—	—	—	—	1000V for 1min	1000V for 1min
Auto Power Off	●	●	●	●	●	●	●
Range Selection	Manual					Auto	Auto/Manual
CAT Rating	CAT III 1000V						
Battery Type	6F22 9V						
Accessories	Insulation test leads for high voltage ×1; battery 6F22 9V ×1; instruction manual; carrying case						
Display	61×37mm					60.5×36.5mm	58×32mm
Product Size	190×88.5×27.5mm					185×88×54mm	200×92×60mm
Product Weight	427g					355g	350g

Selection Guide - LCR / Capacitance / Inductance Meters

Model	A6013L	HK39L	A6013	A613	A623	A6243L	LCR4070D	HK33LCR
Product Images								
Resistance	—	—	—	—	—	—	20MΩ	60MΩ
Capacitance	20mF	20mF	20mF	20mF	—	200uF	2000uF	60mF
Inductance	—	—	—	—	200H	20H	200H	200H
Display Count	1999	1999	1999	1999	1999	1999	1999	5999
Continuity Buzzer	—	—	—	—	—	—	—	●
Diode Test	—	—	—	—	—	—	●	—
Voltage Stabilizing Diode	—	—	—	—	—	—	—	●
Light Emitting Diode	—	—	—	—	—	—	—	●
Transistor hFE	—	—	—	●	—	—	—	●
Flashlight	—	—	—	—	●	—	—	●
LCD Backlight	●	●	—	●	●	●	—	●
Data Hold	●	●	—	●	●	●	●	●
Relative Mode	●	●	●	●	—	—	●	●
Capacitor Auto Discharge	●	●	—	●	—	—	—	—
Auto Power Off	—	●	—	—	—	—	—	—
Range Selection	Manual							●
Battery Type	6F22 9V	1.5V (AAA) ×2	6F22 9V					1.5V (AAA) ×2
Display	40×22mm	42.5×26mm	61×36.5mm	53.5×29mm	53.5×29mm	40×22mm	61×36.5mm	53×31.5mm
Product Size	140×70.6×31cm	119×65×30mm	190×88.5×27.5mm	180×87×50mm	180×87×50mm	140×70.6×31cm	190×88.5×27.5mm	150×75×36mm
Product Weight	200g	130g	320g	355g	355g	200g	320g	300g
CTN Size	53×34×47.5cm	47×31.5×34.7mm	50×31×46cm	46×30×33.5cm	46×30×33.5cm	53×34×47.5cm	50×31×46cm	49.5×31×36mm
Q'ty/CTN	90pcs	60pcs	30pcs	20pcs	20pcs	90pcs	30pcs	60pcs
NW/GW	24kg/25kg	19.5kg/20.5kg	21kg/22kg	12.5kg/13.5kg	12.5kg/13.5kg	24kg/25kg	21kg/22kg	20.5kg/21.5kg

Selection Guide - Two-Pole Voltage Tester

Model	HK235A	HK235B	HK235C	HK235E	HK235G	HK235F
Product Images						
True RMS	—	—	●	●	●	●
Display	LED	LED+LCD	LED	LED+LCD	6000	2000
Voltage Range	6-690V	3V-1000VA, 1200VDC	3V-1000VA, DC	3V-1000VAC, 1500V DC (LCD)	600mV-1000VDC 600mV-750VAC	1000VDC/750VAC
Resolution	12, 24, 48, 120, 240, 480, 690V	48, 120, 240, 480V (LED)	12, 24, 48, 120, 240, 480, 690, 1000V (LED)	12, 24, 48, 120, 240, 480, 690, 1000, 1500V (LED)	—	—
Response Range	0/40-400Hz	0/40-1000Hz	0/40-400Hz	0/40-1000Hz	1000Hz	1000Hz
Response Time	LED ≤0.5s	LED ≤ 0.5s; LCD ≤ 1s			—	—
Continuity Check	Optical and Acoustic (0-100kΩ)				—	—
Continuity Buzzer	—	—	—	—	●	●
Resistance Measurement	—	0.1k2-300kΩ	0.1k2-300kΩ	0.1k2-300kΩ	60MΩ	20/200/2000Ω
250V	—	—	—	—	—	2000MΩ
500V	—	—	—	—	—	2000MΩ
Test Voltage Accuracy	—	—	—	—	—	250/500/1000V
Load Current	—	—	—	—	—	1mA
Phase Sequence Test	50Hz to 60Hz (57-400V)				—	—
Single-Pole Test	100V-690V (50-400Hz)				—	—
RCD Trip Test	I=30mA @230V				—	—
Capacitance	—	—	—	—	10mF	—
Frequency	—	—	—	—	10MHz	—
Duty Cycle	—	—	—	—	0.1%-99.9%	—
Diode test	—	—	—	—	●	—
LCD backlight	—	●	●	●	●	●
Flashlight	●	●	●	●	●	●
Three-Phase Sequence Detecion	●	●	●	●	—	—
NCV	—	—	—	—	●	●
Line Test	●	●	●	●	●	●
Loz DC/AC	—	—	—	—	●	●
MAX/MIN	—	—	—	—	●	—
LED Indicator	—	—	—	—	●	●
Bidirectional Step / Jog	—	—	—	—	●	●
Low Battery Indication	—	●	●	●	●	●
Relative mode	—	—	—	—	●	—
Auto Power Off	●	●	●	●	●	●
Range Selection	Auto	Auto	Auto	Auto	Auto	Auto
Display	—	24×17.4mm	24×17.4mm	24×17.4mm	24×17.4mm	24×17.4mm
Polarity Indication	●	●	●	●	●	●
Voltage Self-Test	●	●	●	●	—	—
Data Hold	—	●	●	●	●	●
Vibration Alert	●	●	●	●	—	—
Slient Mode	●	●	●	●	—	—
Protection Degree	IP65	IP65	IP65	IP65	IP65	IP65
Certification	VDE, GS,CE	VDE, GS,CE	VDE, GS,CE	VDE, GS,CE	VDE, GS,CE	VDE, GS,CE
Overvoltage Category	CAT III 1000V, CAT IV 600V					
Battery	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×3	AAA3.7V*2
Product Size	250×83.5×45mm	250×83.5×45mm	250×83.5×45mm	250×83.5×45mm	250×83.5×45mm	250×83.5×45mm
Product Weight	355g	355g	355g	355g	355g	355g

HK4432A/4432B/4432C

6,000 counts portable insulation tester



HK4432A



HK4432B



HK4432C

Specifications	HK4432A		HK4432B		HK4432C	
	Range	Accuracy	Range	Accuracy	Range	Accuracy
100V	<1.5MΩ	For reference only	0.01MΩ~100MΩ	±(4% + 2)	0.01MΩ~100MΩ	±(3% + 3)
	1.5MΩ~100MΩ	±(3%+5)	100MΩ~11GΩ	±(5% + 5)	100MΩ~1GΩ	±(4% + 2)
	100.1MΩ~2GΩ	±(5%+6)	11GΩ~100GΩ	±(8% + 5)	1GΩ~200GΩ	±(5% + 5)
250V	<1.000MΩ	For reference only	0.01MΩ~100MΩ	±(4% + 2)	0.01MΩ~100MΩ	±(3% + 3)
	1.5MΩ~200MΩ	±(3%+5)	100MΩ~11GΩ	±(5% + 5)	200MΩ~1GΩ	±(4% + 2)
	200.1MΩ~5GΩ	±(5%+6)	11GΩ~100GΩ	±(8% + 5)	1GΩ~200GΩ	±(5% + 5)
500V	<1.000MΩ	For reference only	0.01MΩ~100MΩ	±(4% + 2)	0.01MΩ~500MΩ	±(3% + 3)
	1.5MΩ~1000MΩ	±(3%+5)	100MΩ~11GΩ	±(5% + 5)	500MΩ~1GΩ	±(4% + 2)
	1001MΩ~10GΩ	±(5%+6)	11GΩ~100GΩ	±(8% + 5)	1GΩ~200GΩ	±(5% + 5)
1000V	<1.000MΩ	For reference only	0.01MΩ~100MΩ	±(4% + 2)	0.01MΩ~2GΩ	±(4% + 2)
	1.5MΩ~1000MΩ	±(3%+5)	100MΩ~11GΩ	±(5% + 5)	2GΩ~20GΩ	±(5% + 5)
	1001MΩ~20GΩ	±(5%+6)	11GΩ~100GΩ	±(8% + 5)	20GΩ~200GΩ	±(8% + 5)
2500V					0.01MΩ~2GΩ	±(4% + 2)
					2GΩ~50GΩ	±(5% + 5)
					20GΩ~200GΩ	±(8% + 5)
Test Voltage Accuracy	100V/250V/500V/1000V +(0~10%)		100V/250V/500V/1000V ±10%		100V/250V/500V/1000V/2500V ±10%	
Output voltage (stepping)			100V	50/100/125V	100V	50/100/125V
			250V	250/275/300/350V	250V	250/275/300/350V
			500V	400/450/500/550/600V	500V	400/450/500/550/600V
			1000V	700/800/900/1000/1100/1250V	1000V	700/800/900/1000/1100/1250V
					2500V	1500/1750/2000/2250/2500V
Load current	1mA	0%~10%	1mA	0%~10%	1mA	0%~10%
Shore circuit current	<2mA		<2mA		<2mA	
Low resistance			1000Ω	±(1% + 3d)	1000Ω	±(1% + 3d)
DC Voltage	1000V	±(1%+4d)	30~2500V	±(2% + 5d)	30~2500V	±(2% + 5d)
AC Voltage	1000V	±(1%+4d)	30~1500V	±(2% + 5d)	30~1500V	±(2% + 5d)
Accuracy	±(%reading +digits)at 23°C±5°C; Rh≤75%					
Express function						
Display count	3 5/6 Dgt. (6000Count)		3 5/6 Dgt. (6000Count)		3 5/6 Dgt. (6000Count)	
DAR/PI			●		●	
True RMS	●		●		●	
LCD Backlight	●		●		●	
Data Hold	●		●		●	
Inbuilt Charging Port	●		●		●	
Operating Temperature	0°C to 40°C (RH≤85%)		0°C to 40°C (RH≤85%)		0°C to 40°C (RH≤85%)	
Storage Temperature	-10°C to 50°C (RH≤75%)		-10°C to 50°C (RH≤75%)		-10°C to 50°C (RH≤75%)	
Low Battery	●		●		●	
Auto Power Off	●		●		●	
Range Selection	Auto/Manual		Auto/Manual		Auto/Manual	
General Features						
CAT rating	CAT III 600V		CAT III 600V		CAT III 600V	
Battery Type	1.5V(AA)×8		1.5V(AA)×8		1.5V(AA)×8	
Accessories	Insulation Test leads for High Voltage×1; Batteries1.5V(AA)×8; Instruction Manual; Carrying Case					
Display	98x46.5mm		98x46.5mm		98x46.5mm	
Product Size	165x110x73mm		165x110x73mm		165x110x73mm	
Product Weight	520g		520g		520g	
CTN Size	44x32.5x39.5cm		44x32.5x39.5cm		44x32.5x39.5cm	
Q'ty/CTN	20pcs		20pcs		20pcs	
NW/GW	18.3kg/19.3kg		18.3kg/19.3kg		18.3kg/19.3kg	

A4430/A4431

2,000 counts portable insulation tester



A4430



A4431

Specifications	A4430		A4431	
	Range	Accuracy	Range	Accuracy
100V			0.01MΩ~100MΩ	±(3% + 5)
			100MΩ~1000MΩ	±(4% + 5)
			1000MΩ~2000MΩ	±(5% + 5)
250V	0.01MΩ~200MΩ	±(3% + 5)	0.01MΩ~100MΩ	±(3% + 5)
	200MΩ~10GΩ	±(5% + 5)	100MΩ~1000MΩ	±(4% + 5)
	10GΩ~20GΩ	±(10% + 10)	1000MΩ~2000MΩ	±(5% + 5)
500V	0.01MΩ~200MΩ	±(3% + 5)	0.01MΩ~100MΩ	±(3% + 5)
	200MΩ~10GΩ	±(5% + 5)	100MΩ~1000MΩ	±(4% + 5)
	10GΩ~20GΩ	±(10% + 10)	1000MΩ~2000MΩ	±(5% + 5)
1000V	0.01MΩ~200MΩ	±(3% + 5)	0.01MΩ~100MΩ	±(3% + 5)
	200MΩ~10GΩ	±(5% + 5)	100MΩ~1000MΩ	±(4% + 5)
	10GΩ~20GΩ	±(10% + 10)	1000MΩ~2000MΩ	±(5% + 5)
2500V	0.01MΩ~200MΩ	±(3% + 5)		
	200MΩ~10GΩ	±(5% + 5)		
	10GΩ~20GΩ	±(10% + 10)		
Test Voltage Accuracy	250V/500V/1000V/2500V ±10%		100V/250V/500V/1000V ±10%	
Load current	1mA	0%~10%	1mA	0%~10%
Shore circuit current	<2mA		<2mA	
AC Voltage	750V	±(2% + 5d)	750V	±(2% + 5d)
Accuracy	±(%reading +digits)at 23°C±5°C; Rh≤75%		±(%reading +digits)at 23°C±5°C; Rh≤75%	
Express function				
Display Count	3 1/2 Dgt. (2000 count)		3 1/2 Dgt. (2000 count)	
Continuity Buzzer	<70Ω±30Ω Beeper on		<70Ω±30Ω Beeper on	
LCD Backlight	●			
Data Hold	●		●	
Auto Power Off			●	
Charging port	●		●	
Operating Temperature	0°C to 40°C (RH≤85%)		0°C to 40°C (RH≤85%)	
Storage Temperature	-10°C to 50°C (RH≤75%)		-10°C to 50°C (RH≤75%)	
Range Selection	Auto		Manual	
General Features				
CAT rating	CAT III 600V		CAT III 600V	
Battery Type	1.5V(AA)×8		1.5V(AA)×6	
Accessories	Insulation Test leads for High Voltage x1; Batteries (A4430:1.5V(AA)×8; A4431:1.5V(AA)×6); Instruction Manual; Carrying Case; Adaptor (Optional)			
Display	72.5x38.5mm		72.5x38.5mm	
Product Size	165x110x73mm		165x110x73mm	
Product Weight	540g		520g	
CTN Size	44x32.5x39.5cm		44x32.5x39.5cm	
Q'ty/CTN	20pcs		20pcs	
NW/GW	18.3kg/19.3kg		18.3kg/19.3kg	

HK60B/HK60C/HK60D/
HK60E/HK60F

2,000 counts handheld insulation tester



Specifications	Range	A60B	A60C	A60D	A60E	A60F
		Accuracy	Accuracy	Accuracy	Accuracy	Accuracy
100V	0.01MΩ~100MΩ	±(3%+3d)				
	100MΩ~1000MΩ	±(4%+2d)				
	1000MΩ~2000MΩ	±(5%+5d)				
250V	0.01MΩ~200MΩ	±(3%+3d)				
	200MΩ~1000MΩ	±(4%+2d)				
	1000MΩ~2000MΩ	±(5%+5d)				
500V	0.01MΩ~200MΩ	±(3%+3d)			±(3%+3d)	
	1MΩ~200MΩ	±(3%+3d)				±(3%+3d)
	200MΩ~1000MΩ	±(4%+2d)				±(4%+2d)
	1000MΩ~2000MΩ	±(5%+5d)				±(5%+5d)
1000V	0.01MΩ~200MΩ	±(3%+3d)	±(3%+3d)			
	1MΩ~200MΩ	±(3%+3d)		±(3%+3d)		
	200MΩ~1000MΩ	±(4%+2d)		±(4%+2d)		
	1000MΩ~2000MΩ	±(5%+5d)		±(5%+5d)		
Test Voltage Accuracy	100V/250V/500V/1000V±10%		1000V ±10%	1000V ±10%	500V ±10%	500V ±10%
Express function						
Display Count	3 1/2 Dgt.(2000)					
Operating Temperature	0°C to 40°C (RH≤85%)					
Storage Temperature	-10°C to 50°C (RH≤75%)					
Low Battery Display	●	●	●	●	●	●
Auto Power Off	●					
Range Selection	Manual	Manual	Manual	Manual	Manual	Manual
General Features						
CAT rating	CAT III 1000V					
Battery Type	6F22 9V					
Accessories	Insulation Test Leads for High Voltage x1; Battery 6F22 9Vx1; Instruction Manual; Carrying Case					
Display	61x37mm					
Product Size	190x88.5x27.5mm					
Product Weight	427g					
CTN Size	50x31x46cm					
Q'ty/CTN	30pcs					
NW/GW	21kg/22kg					

HK505

6,000 counts TRMS handheld insulation tester



HK505

Specifications	HK505	
	Range	Accuracy
50V	0.01MΩ~30MΩ	±(1.5% + 5)
	30MΩ~300MΩ	±(5% + 5)
	0.3GΩ~1.0GΩ	±(10% + 5)
100V	0.00MΩ~40.0MΩ	±(1.5% + 5)
	40.0MΩ~300MΩ	±(5% + 5)
	0.3GΩ~2.0GΩ	±(10% + 5)
250V	0.00MΩ~40.0MΩ	±(1.5% + 5)
	40.0MΩ~300MΩ	±(5% + 5)
	0.50GΩ~3.0GΩ	±(10% + 5)
	3.0GΩ~5.0GΩ	±(10% + 5)
500V	0.00MΩ~40.0MΩ	±(1.5% + 5)
	40.0MΩ~300MΩ	±(5% + 5)
	0.3GΩ~4.0GΩ	±(10% + 5)
	4.0GΩ~10GΩ	±(10% + 5)
1000V	0.00MΩ~40.0MΩ	±(1.5% + 5)
	40.0MΩ~400.0MΩ	±(5% + 5)
	0.4GΩ~4.0GΩ	±(10% + 5)
	4.0GΩ~20GΩ	±(10% + 5)
Test Voltage Accuracy	50V/100V/250V/500V/1000V	±10%
Load Current	1mA	0%~10%
Shore Circuit Current	-	<2mA
DC Voltage	6/60/600V	±(0.5% + 3d)
	1000V	±(0.8% + 3d)
AC Voltage	6/60/600V	±(0.5% + 3d)
	1000V	±(0.8% + 3d)
Resistance	600/6k/60k/600k/6MΩ	±(1.0% + 5d)
	60MΩ	±(1.2% + 8d)
Capacitance	10nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(4.0% + 15d)
	1m/10mF	±(10% + 5d)
Frequency	1/10/100/1KHz	±(0.5% + 4d)
Duty Cycle	1%~99%	±(1.2% + 3d)
Accuracy	±(%reading + digits)at 23°C±5°C; RH≤75%	
Express function		
Display Count	3 5/6 Dgt. (6000Count)	
True RMS	●	
DAR/PI	●	
Diode test	●	
Continuity Buzzer	<30Ω Beeper on	
Flashlight	●	
LCD Backlight	●	
Data Hold	●	
Relative Mode	●	
Low Battery Display	●	
Operating Temperature	0°C to 40°C (RH≤85%)	
Storage Temperature	-10°C to 50°C (RH≤75%)	
Insulation Resistance	≥500MΩ/1000V	
Voltage With Stand	1000V for 1min	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT rating	CAT III 1000V	
Battery Type	6F22 9V	
Accessories	Insulation Test leads for High Voltage;Batteries 6F22 9V; Insulation Manual; Carrying Case	
Display	60.5x36.5mm	
Product Size	185x88x54mm	
Product Weight	355g	
CTN Size	46x31x34.5cm	
Q'ty/CTN	20pcs	
NW/GW	12kg/13kg	

HK705

6,000 counts handheld insulation tester

Specifications	HK705	
	Range	Accuracy
250V	1.0MΩ~600.0MΩ	±(5% + 5)
500V	1.0MΩ~600.0MΩ	±(5% + 5)
	0.6GΩ~1.000GΩ	±(3% + 5)
1000V	1.0MΩ~600.0MΩ	±(5% + 5)
	0.6GΩ~5.000GΩ	±(3% + 5)
	5.00GΩ~10.00GΩ	±(10% + 5)
Test Voltage Accuracy	250V/500V/1000V	±10%
Load Current	1mA	0%~10%
Shore Circuit Current	-	<2mA
DC Voltage	60m/600m/6/60/600V	±(0.5% + 3d)
	1000V	±(0.8% + 5d)
AC Voltage	60m/600m/6/60/600V	±(0.8% + 3d)
	1000V	±(1.0% + 3d)
Resistance	600/6k/60k/600k/6MΩ	±(0.8% + 3d)
	60MΩ	±(1.0% + 5d)
DC Current	6m/60m/600mA	±(1.0% + 3d)
	6A/20A	±(1.0% + 5d)
AC Current	6m/60m/600mA	±(1.0% + 5d)
	6A/20A	±(1.5% + 5d)
Capacitance	6nF	±(4.0% + 5d)
	60nF-600uF	±(4.0% + 5d)
	6mF-60mF	±(10% + 5d)
Temperature (°C)	-50°C~0°C	±4
	0°C~300°C	±(1.0% + 3d)
	300°C~1300°C	±(2.0% + 3d)
Temperature (°F)	-58°F~32°F	±6
	-32°F~572°F	±(1.0% +4d)
	-572°F~1832°F	±(2.0% + 5d)
Inductance	6mH/60mH/600mH/6H/60H	±(2.5% + 5d)
Frequency	1/10/100/1k/10k/100k/1M/20MH	±(0.1% +4d)
Duty Cycle	1%-99%	±(2.0% + 5d)
Accuracy	±(%reading +digits)at 23°C±5°C; RH≤75%	
Express function		
Display Count	3 5/6 Dgt. (6000Count)	
True RMS	●	
Diode test	●	
Continuity Buzzer	<30Ω Beeper on	
LCD Backlight	●	
Data Hold	●	
Relative Mode	●	
Low Battery Display	●	
Operating Temperature	0°C to 40°C (RH≤85%)	
Storage Temperature	-10°C to 50°C (RH≤75%)	
Insulation Resistance	≥500MΩ/1000V	
Voltage Withstand	1000V for 1min	
Auto Power Off	●	
Range Selection	Auto/Manual	
General Features		
CAT rating	CAT III 1000V	
Battery Type	6F22 9V	
Accessories	Insulation Test leads for High Voltage;Batteries 6F22 9V; Insulation Manual; Carrying Case	
Display	58×32mm	
Product Size	200×92×60mm	
Product Weight	350g	
CTN Size	45×33×34mm	
Q'ty/CTN	20pcs	
NW/GW	11.8kg/12.8kg	



HK705

LCR Capacitance/ Inducatanance /Resistance

LCR meters are sophisticated devices used to measure electrical characteristics of passive components inductance (L), capacitance (C), and resistance (R). They can precisely calculate component's impedance and derive its L, C, or R values by analyzing the magnitude and phase relationship between voltage and current.



HK78LCR

True RMS Industrial Digital Multimeter

Specifications	HK78LCR	
	Range	Accuracy
DC Voltage	60mV~1000V	±(0.8% + 5)
AC Voltage	60mV~1000V	±(0.8% + 5)
DC Current	600uA~20A	±(1.2% + 5)
AC Current	600uA~20A	±(1.5% + 3)
Resistance	600Ω~200MΩ	±(1.2% + 5)
Frequency	10Hz~25MHz	±(1.5% + 5)
Capacitance	10nF~100mF	±(3.0% + 10)
Inductance	2mH~20H	±(3.0% + 10)
Temperature (°C)	-20~1000°C	±(2.0% + 3)
Temperature (°F)	-4~1832°F	±(3.0% + 3)
Duty Cycle	0.1%~99.9%	
Bandwidth	1000Hz	
Express function		
True RMS	●	
Display Count	3 5/6Digits (6000 Counts)	
Diode Test	●	
Continuity Buzzer	●	
Diode Test	●	
Transistor hFE	●	
Data Hold	●	
Relative mode	●	
MAX/MIN	●	
NCV Detection	●	
Over Range Indication	●	
Flashlight	●	
Auto Power Off	●	
Unit Icon Display	●	
Low Battery Indication	●	
Range Selection	Manual/Auto (20 gears)	
General Features		
CAT Rating	CATIII 1000V	
Battery Type	1.5V(AA)×2	
Display	60.5x36.5mm	
Product Size	185x88x54mm	
Product Weight	355g	
CTN Size	46x31x34.5cm	
Q'ty/CTN	20pcs	
NW/GW	12kg/13kg	



HK78LCR

A6013L/HK39L

2,000 counts pocket type capacitance meter

Specifications	A6013L		HK39L	
	Range	Accuracy	Range	Accuracy
Capacitance	200pF	±(1.0% + 10d)	200pF	±(4.0% + 25d)
	2000p/20n/200n/2u/20u/200mF	±(0.5% + 5d)	2n/20n/200n/2u/20u/200mF	±(0.5% + 5d)
	2000uF	±(2.0% + 10d)	2mF	±(2.0% + 10d)
	20mF	±(4.0% + 10d)	20mF	±(4.0% + 10d)
Express function				
Display Count	1999		1999	
LCD Backlight	●		●	
Data Hold	●		●	
Relative mode	●		●	
Capacitor Auto Discharge	●		●	
Auto Power Off	●		●	
Range Selection	Auto		Manual	
General Features				
Battery Type	6F22 9V		1.5V(AAA)×2	
Display	40x22mm		42.5×26 mm	
Product Size	140x70.6x31cm		119×65×30 mm	
Product Weight	200g		130g	
CTN Size	53x34x47.5cm		47×31.5×34.7 mm	
Q'ty/CTN	90pcs		60pcs	
NW/GW	24kg/25kg		19.5kg/20.5kg	

CE FC ETL US Intertek 5021823 HK39L Only HK39L Only



A6013L



HK39L

A6013/A613

2,000 counts capacitance meter

Specifications	A6013		A613	
	Range	Accuracy	Range	Accuracy
Capacitance	200pF	±(1.0% + 10d)	200pF	±(1.0% + 10d)
	2000p/20n/200n/ 2u/20u/200mF	±(0.5% + 5d)	2000p/20n/200n/ 2u/20u/200mF	±(0.5% + 5d)
	2000uF	±(2.0% + 10d)	2000uF	±(2.0% + 10d)
	20mF	±(4.0% + 10d)	20mF	±(4.0% + 10d)
Express function				
Display Count	1999		1999	
Transistor hFE			●	
LCD Backlight			●	
Data Hold			●	
Relative mode			●	
Capacitor Auto Discharge			●	
Range Selection	Manual		Manual	
General Features				
Battery Type	6F22 9V		6F22 9V	
Display	61x36.5mm		53.5x29mm	
Product Size	190x88.5x27.5mm		180x87x50mm	
Product Weight	320g		355g	
CTN Size	50x31x46cm		46x30x33.5cm	
Q'ty/CTN	30pcs		20pcs	
NW/GW	21kg/22kg		12.5kg/13.5kg	



A6013



A613

A623/A6243L

2,000 counts capacitance & inductance meter

Specifications	A623		A6243L	
	Range	Accuracy	Range	Accuracy
Capacitance			2000P/20n/200n/2u/20uF	±(2.0% + 5d)
			200uF	±(5.0% + 5d)
Inductance	200uH	±(3.0% + 15d)	2m/20m/200mH	±(2.5% + 5d)
	2m/20m/200mH	±(2.5% + 5d)	2H	±(3.5% + 5d)
	2H	±(3.5% + 5d)	20H	±(5.0% + 15d)
	20/200H	±(5.0% + 15d)		
Express function				
Display Count	1999		1999	
Flashlight	●			
LCD Backlight	●		●	
Data Hold	●		●	
Range Selection	Manual		Manual	
General Features				
Battery Type	6F22 9V		6F22 9V	
Display	53.5x29mm		40x22mm	
Product Size	180x87x50mm		140x70.6x31cm	
Product Weight	355g		200g	
CTN Size	46x30x33.5cm		53x34x47.5cm	
Q'ty/CTN	20pcs		90pcs	
NW/GW	12.5kg/13.5kg		24kg/25kg	



A623



A6243L

LCR4070D/HK33LCR

2,000 counts digital LCR meter

Specifications	LCR4070D		HK33LCR	
	Range	Accuracy	Range	Accuracy
Resistance	20Ω	±(1.0% + 10d)	600/6k/60k/600k/6MΩ	±(1.0% + 2d)
	200/2k/20k/200k/2MΩ	±(0.8% + 5d)	60MΩ	±(1.2% + 3d)
	20MΩ	±(2% + 2d)		
Capacitance	200p/2n/20n/200nF	±(1.0% + 5d)	60n/600n/6u/60uF	±(2.5% + 3d)
	2u/20u/200uF	±(2.0% + 5d)	600u/6m/60mF	±(4% + 10d)
	2000uF	±(10% + 25d)		
Inductance	200uH	±(3.0% + 15d)	6m/60m/600m/6/60/200H	±(2.5% + 5d)
	2m/20m/200mH	±(2.5% + 5d)		
	2H	±(3.5% + 5d)		
	20/200H	±(5.0% + 15d)		
Express function				
Display Count	1999		1999	
Continuity Buzzer			●	
Diode test	●			
Voltage Stablizing Diode			●	
Light Emitting Diode			●	
Transistor hFE			●	
Flashlight			●	
LCD Backlight			●	
Data Hold	●		●	
Relative mode	●		●	
Range Selection	Manual		●	
General Features				
Battery Type	6F22 9V		1.5V(AAA)×2	
Display	61x36.5mm		53x31.5mm	
Product Size	190x88.5x27.5mm		150×75×36 mm	
Product Weight	320g		300g	
CTN Size	50x31x46cm		49.5×31×36 mm	
Q'ty/CTN	30pcs		60pcs	
NW/GW	21kg/22kg		20.5kg/21.5kg	



LCR4070D



HK33LCR

HK235A/HK235B

Two-Pole Voltage Tester

Specifications	HK235A	HK235B
Display	LED	LED&LCD
Voltage Range	12, 24, 48, 120, 240,480,690V	48, 120, 240,480V (LED) 1V-1000V AC, 1200V DC (LCD)
Response Range	0/40-400Hz	0/40-1000Hz
Response Time	LED ≤ 0.5s	LED ≤ 0.5s; LCD ≤ 1s
Continuity Check	Optical and Acoustic (0-100kΩ)	Optical and Acoustic (0-100kΩ)
Resistance Measurement	-	0.1k2-300kΩ
Phase Sequence Test	50Hz to 60Hz (57-400V)	50Hz to 60Hz (57-400V)
Single-Pole Test	100V-690V (50-400Hz)	100V-690V (50-400Hz)
RCD Trip Test	I=30mA@30mA	Is=550mA (1000V) 30mA
Polarity Indication	Yes	Yes
Voltage Self-Test	Yes	Yes
Data Hold	-	Yes (Voltage test available)
Vibration Alert	Yes	Yes
Silent Mode	Yes	Yes
Flashlight	Yes	Yes
Protection Degree	IP65	IP65
Certification	VDE, GS,CE	VDE, GS,CE
Overvoltage Category	CAT III 1000V, CAT IV 600V	CAT III 1000V, CAT IV 600V
Battery	1.5V(AAA)×2	1.5V(AAA)×2
Product Size	250×83.5×45mm	250×83.5×45mm
Product Weight	355g	355g



HK235A



HK235B

HK235F

Two-Pole Voltage & Fast Insulation Tester

Specifications	HK235F	
	Range	Accuracy
250V	0.01MΩ~100MΩ	± (3%+5)
	100MΩ~1000MΩ	± (4%+5)
	1000MΩ~2000MΩ	± (5%+5)
500V	0.01MΩ~100MΩ	± (3%+5)
	100MΩ~1000MΩ	± (4%+5)
	1000MΩ~2000MΩ	± (5%+5)
1000V	0.01MΩ~100MΩ	± (3%+5)
	100MΩ~1000MΩ	± (4%+5)
	1000MΩ~2000MΩ	± (5%+5)
Test Voltage Accuracy	250V/500V/1000V	± 10%
Load current	1mA	0%~10%
Shore circuit current		<2mA
DC Voltage	1000V	± (0.8% +3d)
AC Voltage	750V	± (1.2% +3d)
LoZ AC / DC	600V	± (1.2% +3d)
Resistance	20Ω	± (1.0% + 5d)
	200/2kΩ	± (1.2% +8d)
Express function		
Display count	2000	
True RMS	●	
Continuity Buzzer	<30Ω Beeper on	
Flashlight	●	
LCD backlight	●	
LED status indicator	●	
Data Hold	●	
NCV	●	
Live Wire Recognition	●	
Low Battery Display	●	
Operating Temperature	0°C-40°C (RH≤85%)	
Storage Temperature	-10°C-50°C (RH≤75%)	
Auto Power Off	●	
Range Selection	AUTO	
General Fatures		
CAT rating	CAT III 1000V	
Battery Type	Batteries 3.7V×2	
Accessories	1.Instruction Manual	
	2.Carrying Case	
	3. Charging adapter	
Product Size		
Display		
Product Weight		
Ctn Size		
Q'ty/Ctn		
GW/NW		



HK235F

HK235C/HK235E

Two-Pole Voltage Tester

Specifications	HK235C		HK235E	
	Range	Accuracy	Range	Accuracy
DC Voltage	3-1000V	±(1.2% + 3d)	3-1500V	±(1.2% + 3d)
AC Voltage	3-1000V	±(1.5% + 3d)	3-1000V	±(1.5% + 3d)
LED Voltage	12V	8V±2V	12V	8V±2V
	24V	18V±2V	24V	18V±2V
	48V	38V±4V	48V	38V±4V
	120V	94V±8V	120V	94V±8V
	240V	180V±14V	240V	180V±14V
	480V	325V±15V	480V	325V±15V
	690V	560V±24V	690V	560V±24V
	1000V	800V±30V	1000V	800V±30V
	—	1500V	1200V±40V	
Resistance	10k-500kΩ	±(2% +5d)	10k-500kΩ	±(2% +5d)
Frequency	1000Hz	±(2% +2d)	1000Hz	±(2% +2d)
Express function				
Voltage Self-Test	●		●	
Three-Phase Sequence	●		●	
NCV	●		●	
Alarm mode	Vibration + Sound and Light Mode		Vibration + Sound and Light Mode	
	Sound and Light Mode		Sound and Light Mode	
	Vibration + Lighting Mode		Vibration + Lighting Mode	
Leakage Circuit Breaker RCD 30mA	●		●	
Live Wire Recognition	●		●	
Flashlight	●		●	
LCD backlight	●		●	
Data Hold	●		●	
Auto Power Off	●		●	
Range Selection	AUTO		AUTO	
Low Battery Display	●		●	
General Fatures				
CAT rating	CAT III 1000V CAT IV 600V		CAT III 1000V CAT IV 600V	
Waterproof rating	IP65		IP65	
Battery Type	1.5V(AA)×2		1.5V(AA)×2	
Product Size				
Product Weight				
Ctn Size				
Q'ty/Ctn				
GW/NW				



HK235C



HK235E

HK235G

Pen-Multimeter

Specifications	HK235G	
	Range	Accuracy
DC Voltage	600mV	±(0.5% + 3d)
	6/60/600V	±(0.5% + 2d)
	1000V	±(1.0% + 5d)
AC Voltage	600mV	±(1.0% +10d)
	6/60/600V	±(0.5% + 3d)
	750V	±(1.0% + 10d)
Resistance	600/6k/60K/600k/6MΩ	±(1.0% + 8d)
	60MΩ	±(2.0% +2d)
Capacitance	10nF	±(5.0% + 5d)
	100n/1u/10u/100uF	±(4.0% +5d)
	1m/10mF	±(10% +5d)
Frequency	10.00Hz-10.00MHz	±(0.5% +2d)
Duty Cycle	0.1%-99.9%	±(2.5% +5d)
Express function		
True RMS	●	
Display count	5999	
Diode test	●	
LoZ AC / DC	●	
Continuity Buzzer	●	
Flashlight	●	
Three-Phase Sequence	●	
NCV	●	
Live Wire Recognition	●	
MAX/MIN	●	
LCD backlight	●	
Data Hold	●	
Relative mode	●	
Auto Power Off	●	
Range Selection	AUTO	
SEL key for bidirectional switching	●	
Low Battery Display	●	
General Fatures		
CAT rating	CAT III 1000V CAT IV 600V	
Waterproof rating	IP65	
Battery Type	1.5V(AA)×2	
Product Size		
Product Weight		
Ctn Size		
Q'ty/Ctn		
GW/NW		



HK235G

HK690

Proving Unit

Specifications	HK690	
	Range	
Voltage Output	690V AC	
Output Current	< 3.5mA	
Frequency	50Hz	
Load	≥200kΩ	
High Voltage LED	●	
Low Voltage LED	●	
Low Battery Indication	≤7.6V	
Operating Temp.	-10°C~40°C	
Storage Temp.	-10°C~50°C	
Relative Humidity	≤70% (non-condensing)	
Altitude	Up to 2000m	
Pollution Degree	2	
Safety Rating	CATII 750V	
Product Size (mm)	141 x 80.1 x 47.8	
Product Weight (g)	285	
Power Supply	6 x 1.5V (LR6) AA batteries	



HK690

Voltage Detectors

Voltage detectors are essential diagnostic and safety tools designed to identify the presence of electrical potential in circuits, components, and equipment. These devices come in various forms, from simple non-contact testers to more sophisticated multimeters capable of precise voltage measurements.

Safety checks – to quickly verify if a wire or outlet is energized before starting work, check for live wires before drilling or cutting.

Troubleshooting electrical issues – identify circuit breakers, locate breaks in wires or faulty connections

HVAC systems – test thermostat wiring, check compressor and fan motor circuits.

Appliance repair – verify power supply, diagnose electrical faults.

Industrial – quick checks on control panels and equipment, verify proper grounding of machinery

Education – demonstrate basic electrical principles, teach safe practices for working with electricity

Emergency situations – quickly assess electrical hazards after storms, blackouts, and floods, identify live wires.



Selection Guide - Voltage Detector

Model	HK16A	HK16B	HK11A	HK11B	HK11B+	HK11E	HK11F
Product Images							
Display	LED display	LCD display	LCD display	LED display	LCD display	—	—
DC Voltage	—	12-36V (Battery Voltage)	12-36V	—	—	12/20/200/250V	12/24/50/110/240/400/600V
AC Voltage	12-1000V	12-300V,LDC12V	12-300V	12-1000V	High Sensitivity: AC12-1000V; Mid Sensitivity: AC48-1000V; Low Sensitivity: AC70-1000V	12/20/200/250V	12/24/50/110/240/400/600V
Response Time	—	—	—	—	—	—	<C0.1S
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	—	50/60Hz
Operation Time	—	—	—	—	—	—	30 Seconds max
Recovery Time	—	—	—	—	—	—	10 min after
Operating Temperature(°C)	—	—	—	—	—	—	-15°C-45°C
Operating Temperature(°F)	—	—	—	—	—	—	5°F-113°F
Storage Temperature(°C)	—	—	—	—	—	—	-15°C-50°C
Storage Temperature(°F)	—	—	—	—	—	—	5°F-122°F
Relative Humidity	—	—	—	—	—	—	80% RH Maximum
Altitude Measurement	—	—	—	—	—	—	2000m(7000ft)
Continuity Buzzer	—	—	—	—	—	—	2kΩ
Alarm Mode	Sound and Light alarm					—	—
Probe Shape	Oblate shape					—	—
Backlight	—	—	Double color	—	Double color	—	●
Flashlight	●	—	●	●	●	—	●
NCV	●	●	●	●	●	—	—
Live Wire Recognition	—	●	●	—	●	—	—
Continuity test	—	●	—	—	—	—	—
Signal Intensity Display	●	●	●	●	●	—	—
LCD Backlight	—	—	●	—	●	—	—
Low Battery Display	—	—	●	—	●	—	—
Auto Power Off	●	●	●	●	●	—	●
CAT Rating	CAT III 1000V	CAT III 300V	CAT III 300V	CAT III 1000V	CAT III 1000V	CAT III 300V	CAT III 6 00V
Battery Type	1.5V(AAA)X2	15V(AG3)X2	1.5V(AAA)X2	1.5V(AAA)X2	1.5V(AAA)X2	1.5V(AAA)X2	1.5V(AAA)X2
Display	—	19x6mm	37x14mm	37x14mm	37x14mm	—	—
Product Size	140x20x20.5mm	140x20x20.5mm	190x33x31mm	190x33x31mm	190x33x31mm	190x33x31mm	190x33x31mm
Product Weight	100g	100g	65g	65g	65g	65g	65g

Selection Guide - Pen Type Digital Multimeter

Model	HK11C	HK11D	A3311D
Product Images			
DC Voltage	600mV/6V/60V/600V	400mV/4V/40V/400V/600V	200mV/2V/20V/200V/600V
AC Voltage	600mV/6V/60V/600V	400mV/4V/40V/400V/600V	2V/20V/200V/600V
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ
Capacitance	60nF/600nF/6uF/60uF/600uF/6mF/10mF	10nF/10mF/100nF/1uF/10uF/100uF/1mF	—
Frequency	10.00Hz~10.00MHz	10.00Hz~10.00MHz	—
Duty Cycle	0.1%~99.9%	—	—
True RMS	●	●	—
Display Count	6000	4000	2000
Diode Test	●	●	●
Continuity Buzzer	●	●	●
Flashlight	●	●	—
Three-Phase Sequence Detecion	●	—	—
NCV	●	●	●
Live Wire Recognition	●	●	—
Adjustable NCV Sensitivity	—	—	●
Retractable Test Tip	—	—	●
MAX Hold	—	—	●
LCD Backlight	●	●	—
Data Hold	●	●	●
Low Battery Display	●	●	●
Auto Power Off	●	●	●
Range Selection	Al+Auto	Al+Auto	Auto
CAT Rating	CAT III 300V	CAT III 300V	CAT III 600V
Battery Type	1.5V(AAA)X2	1.5V(AAA)X2	1.5V(AAA)X2
Display	37x14mm	37x14mm	44x20mm
Product Size	190x33x31mm	190x33x31mm	229x43x25mm
Product Weight	65g	65g	120g
CTN Size	37x44x26.5cm	37x44x26.5cm	48x29x45cm
Q'ty/CTN	100pcs	100pcs	60pcs
NW/GW	13kg/14kg	13kg/14kg	17kg/18kg

HK16A/HK16B

AC voltage detector

Specifications	HK16A	HK16B
Display	LED display	LCD display
Range Of Voltage Detection	AC12~1000V	DV 12V to 36V (Battery Voltage) AC12~300V, LDC12V
Frequency	50/60Hz	50/60Hz
A larm Mode	Sound and Light alarm	Sound and Light alarm
Probe Shape	Oblate shape	Oblate shape
Live Wire Recognition	According to LED's display	Judging by the numerical percentage of LCD display,the bigger is the fire line,the smaller is the zero line
Continuity test		●
Signal Intensity Display	Numerical percentage + andlog strip	
Flashlight	●	
Auto Power Off	No operation,no sensing signal will shut down automatically in about 5 minutes	No operation,no sensing signal will shut down automatically in about 5 minutes
General Features		
CAT Rating	CAT III 1000V	CAT III 300V
Battery Type	1.5V(AAA)×2	1.5V(AG3)×2
Display	-	19x6mm
Product Size	140x20x20.5mm	140x20x20.5mm
Product Weight	100g	100g
CTN Size	41.5x38.5x50.5cm	65x23x42cm
Q'ty/CTN	200pcs	187pcs
NW/GW	14.1kg/15.5kg	12.5kg/13.5kg

CE CAT III 1000V CAT III 300V
HK16A Only HK16B Only



HK16A



HK16B

HK11A/HK11B

Voltage detector with LED indicator



HK11A



HK11B



HK11B+

Specifications	HK11A	HK11B	HK11B+
Display	LCD	LED	LCD
Range Of Voltage Detection	AC12~300V,DC12~36V	AC 12-1000V	High Sensitivity:AC12~1000V; Mid Sensitivity: AC48~1000V; Low Sensitivity: AC70~1000V
Frequency	50/60Hz	50/60Hz	50/60Hz
Alarm Mode	Sound and Light alarm	Sound and Light alarm	Sound and Light alarm
Probe Shape	Oblate shape	Oblate shape	Oblate shape
Backlight			Red and green double color backlight
Live Wire Recognition	According to LCD's display	According to LED's display	According to LCD's display
Flashlight	●	●	●
Auto Power Off	No operation,no sensing signal will shut down automatically in about 5 minutes	No operation,no sensing signal will shut down automatically in about 5 minutes	No operation,no sensing signal will shut down automatically in about 5 minutes
General Features			
CAT Rating	CATIII 300V	CATIII 1000V	CATIII 1000V
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2
Display	37x14mm	37x14mm	37x14mm
Product Size	190x33x31mm	190x33x31mm	190x33x31mm
Product Weight	65g	65g	65g
CTN Size	37x44x26.5cm	37x44x26.5cm	37x44x26.5cm
Q'ty/CTN	100pcs	100pcs	100pcs
NW/GW	13kg/14kg	13kg/14kg	13kg/14kg

HK11E/HK11F

AC/DC voltage detector with LED indicator



HK11E



HK11F

Specifications	HK11E		HK11F	
	Range	Accuracy	Range	Accuracy
DC Voltage	12/20/200/250V	±(1.0% + 5d)	12/24/50/110/240/400/600V	±(0.5% + 1d)
AC Voltage	12/20/200/250V	±(1.0% + 5d)	12/24/50/110/240/400/600V	±(1.0% + 5d)
Response Time			<C0.1S	
AC Frequency Range			50/60Hz	
Operation Time			30 Seconds maximum	
Recovery Time			10 minutes after maximum operation time has been reached	
Operating Temperature			5°F~113°F(-15°C~45°C)	
Storage Temperature			5°F~122°F(-15°C~50°C)	
Relative Humidity			80% RH Maximum	
Altitude Measurement			2000m (7000ft)	
Express function				
Continuity Buzzer	2kΩ			
Flashlight	●			
NCV	●			
Live Wire Recognition	●			
LCD Backlight	●			
Low Battery Display	●			
Auto Power Off	●			
Range Selection	Auto			
General Features				
CAT Rating	CAT III 300V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2	
Product Size	190x33x31mm		190x33x31mm	
Product Weight	65g		65g	
CTN Size	37x44x26.5cm		37x44x26.5cm	
Q'ty/CTN	100pcs		100pcs	
NW/GW	13kg/14kg		13kg/14kg	

HK11C/HK11D/ A3311D

Pen type digital multimeter with NCV detection



HK11C



HK11D



A3311D

Specifications	HK11C		HK11D		A3311D	
	Range	Accuracy	Range	Accuracy	Range	Accuracy
DC Voltage	600mV	±(0.5% + 1d)	400mV	±(0.5% + 1d)	200m/2/20/200/600V	±(0.7% + 2d)
	6/60/600V	±(0.5% + 3d)	4/40/400/600V	±(0.5% + 3d)		
AC Voltage	600mV	±(0.5% + 1d)	400mV	±(1.0% + 5d)	2/20/200/600V	±(0.8% + 3d)
	6/60/600V	±(0.5% + 3d)	4/40/400/600V	±(1.2% + 5d)		
Resistance	600/6k/60K/600k/6MΩ	±(1.0% + 8d)	400/4k/40K/400k/4MΩ	±(1.0% + 8d)	200/2k/20k/200k/2MΩ	±(1.0% + 3d)
	60MΩ	±(2% + 2d)	60MΩ	±(2% + 2d)	20MΩ	±(1.0% + 5d)
Capacitance	10nF~10mF	±(3.0% + 5d)	10nF	±(3.0% + 5d)		
	100n/1u/10u/100uF	±(3.0% + 5d)	100n/1u/10u/100uF	±(3.0% + 5d)		
	1m/10mF	±(10% + 5d)	1mF	±(10% + 5d)		
Frequency	10.00Hz~10.00MHz	±(0.5% + 2d)	10.00Hz~10KHz	±(0.5% + 2d)		
Duty Cycle	0.1%~99.9%					
Express function						
True RMS	●		●			
Display Count	5999		3999		1999	
Diode Test	●		●		●	
Continuity Buzzer	●		●		●	
Flashlight	●		●		●	
Three-Phase Sequence Detecion	●				●	
NCV	●		●		●	
Live Wire Recognition	●		●		●	
Adjustable NCV Sensitivity					●	
Retractable Test Tip					●	
MAX Hold					●	
LCD Backlight	●		●			
Data Hold	●		●		●	
Low Battery Display	●		●		●	
Auto Power Off	●		●		●	
Range Selection	AI+Auto		AI+Auto		Auto	
General Features						
CAT Rating	CAT III 600V		CAT III 600V		CAT III 600V	
Battery Type	1.5V(AAA)×2		1.5V(AAA)×2		1.5V(AAA)×2	
Display	37x14mm		37x14mm		44x20mm	
Product Size	190x33x31mm		190x33x31mm		229x43x25mm	
Product Weight	65g		65g		120g	
CTN Size	37x44x26.5cm		37x44x26.5cm		48x29x45cm	
Q'ty/CTN	100pcs		100pcs		60pcs	
NW/GW	13kg/14kg		13kg/14kg		17kg/18kg	

Environmental Testers

Honeytek environmental testers include the following:

1. Anemometer - wind speed meter with temperature reference
2. Thermo-hygrometer - temperature and relative humidity meter
3. Lux meter - light intensity with temperature reference
4. Sound level meter - sound level in dB with temperature reference
5. Gas leak detector - combustible gas detector
6. Moisture meter - contact type mositure meter suitable for wood and other materials
7. Tachometer - motor rotational speed meter in both contact and non-contact form



Selection Guide - Environmental Tester Selection

Model	HK880A	HK880B	HK880C	HK880D	HK880E	HK880F	HK880G
Product Images							
Product Type	Anemometer	Lux meter	Thermo-hygrometer	Gas leak detector	Moisture meter	Sound level meter	Tachometer
Air Velocity Range	0.40~30.00m/s 1.40~108.0km/h 1.30~98.5ft/s 0.80~58.30knots 0.90~67.10mph 78.00~5900ft/min	—	—	—	—	—	—
Air Velocity Grade	0-12	—	—	—	—	—	—
Air Velocity Grade Accuracy	±1	—	—	—	—	—	—
Air Volume Measurement	CMM/CFM 0-9999	—	—	—	—	—	—
Air Volume Resolution	0.1	—	—	—	—	—	—
Illuminance Range	—	200K Lux(20K Fc)	—	—	—	—	—
Temperature Range	-20°C~-60°C(-4°F~140°F)			—	-20°C~-60°C(-4°F~140°F)		
Wet Bulb Temperature	—	—	-20°C~60°C(-4°F~140°F)	—	—	—	—
Dew Point Temperature	—	—	-20°C~60°C(-4°F~140°F)	—	—	—	—
Ambient Humidity	—	—	0-100%RH	—	—	—	—
Moisture Range by Material	—	—	—	—	●	—	—
Humidity Indicator	—	—	—	—	Hi, Hi Lo, Lo	—	—
Combustible Gas Detection	—	—	—	●	—	—	—
Gas Detection Accuracy	—	—	—	50-1000ppm	—	—	—
Gas Sens itivity	—	—	—	≤10% FS (methane)	—	—	—
Sound Level Range	—	—	—	<50ppm (methane)	—	130dB A	—
Sound Level Accuracy	—	—	—	—	—	±1.5dB (94dB @ 1kHz)	—
Sound Frequency Range	—	—	—	—	—	31.5Hz-8.5kHz	—
Sound Linearity Range	—	—	—	—	—	50dB	—
RPM Range	—	200K Lux(20K Fc)	—	—	—	—	99RPM(99999RPM)
Count	—	—	—	—	—	—	99999
Measurement Resolution	1°C/1°F	1°C/1°F	0.1°C/0.1°F/0.1%RH	—	1°C/1°F	1°C/1°F	1°C/1°F
Sampling Rate	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec
Sensor Type	WSS-TS	—	—	—	—	—	—
Alarm Mode	—	—	—	Visible, Audible	—	—	—
Operating Conditions	0°C~40°C, 10RH%~80RH%	—	—	—	—	—	—
Storage Conditions	-10°C~60°C, 10RH%~70RH%	—	—	—	—	—	—
Display	99999 counts with bar graph	4-digit LCD; max 9999	6-digit LCD; max 999999	LCD	4-digit LCD; max 9999	4-digit LCD; max 9999	5-digit LCD; max 99999
Backlight	●	●	●	●	●	●	●
Data Hold	●	●	●	—	●	●	●
MAX/MIN/Avg Hold	MAX/MIN	●	—	—	●	●	MAX/MIN
Data Storage	—	●	—	—	—	—	—
Air Volume Area Setting	●	—	—	—	—	—	—
Adjustable Test Angle	●	●	—	—	—	—	—
Auto Zero	●	●	—	—	—	—	—
Auto Power Off	●	●	●	●	●	●	●
Battery Capacity Display	●	●	●	●	●	●	●
Low-Battery Indication	●	●	●	●	●	●	●
Battery Type	1.5V (AAA) × 2						
Display Size	37×14mm						
Product Size	185×33×31mm	180×33×31mm	165×33×31mm	165×33×31mm	165×33×31mm	190×33×31mm	165×33×31mm
Product Weight	65g						

Selection Guide - Environmental Tester Selection

Model	HK820	HK820+	HK830	HK870	HK850+	HK850	HK880	HK880+
Product Images								
Product Type	Anemometer		Thermo-hygrometer	Lux meter	Sound level meter		Tachometer	
Primary Measuring Range	Air velocity: 0.40~30.00 m/s 1.40~108.0 km/h 1.30~98.5 ft/s 0.80~58.30 knots 0.90~67.10 mph 78~5900 ft/min	Air velocity: 0.40~30.00 m/s 1.40~108.0 km/h 1.30~98.5 ft/s 0.80~58.30 knots 0.90~67.10 mph 78~5900 ft/min Air volume: 0~9999 CMM/CFM	Humidity: 0~100% RH	Illuminance: 0~200,000 lux 0~20,000 fc	Sound level: 35~135 dB(A) 35~135 dB(C)	Sound level: 35~135 dB(A)	Speed: 0.1~99 RPM 100~99,999 RPM	
Temperature Range	60°C(140°F)	60°C(140°F)	70°C(158°F)	60°C(140°F)	60°C(140°F)	60°C(140°F)	50°C(122°F)	50°C(122°F)
Frequency Range	—	—	—	—	8.5 kHz	8.5 kHz	—	999.99 Hz
Count	—	—	—	—	—	—	99999	99999
Air Volume Measurement	—	9999 CMM/CFM	—	—	—	—	—	—
Resolution	0.1°C / 0.1°F	0.1; 0.1°C / 0.1°F	0.1°C / 0.1°F / 0.1% RH	0.1°C / 0.1°F	0.1 dB; 0.1°C / 0.1°F	0.1 dB; 0.1°C / 0.1°F	1°C / 1°F	1°C / 1°F
Sampling Rate	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec	2 times/sec
Display	9999	9999	3-digit LCD; max. 1999	4-digit LCD; max. 9999			5-digit LCD; max. 99999	
Backlight	●	●	●	●	●	●	●	●
Data Hold	●	●	●	●	●	●	—	—
MAX/MIN/AVG Hold	MAX/MIN	●	MAX/MIN	●	MAX/MIN	MAX/MIN	MAX/MIN	MAX/MIN
Data Storage	—	—	—	—	—	—	—	Last 99 values
Auto Power Off	●	●	●	●	●	●	●	●
Air Volume Area Setting	—	●	—	—	—	—	—	—
Battery Capacity Display	—	—	—	●	●	●	●	●
Low-Battery Indication	●	●	●	●	●	●	●	●
Battery Type	3 × AAA	3 × AAA	3 × AAA	3 × AAA	3 × AAA	3 × AAA	3 × AAA	3 × AAA
Display Size	32 × 30 mm	32 × 30 mm	32 × 30 mm	32 × 30 mm	32 × 30 mm	32 × 30 mm	32 × 30 mm	32 × 30 mm
Product Size	154 × 59 × 30 mm		145 × 59 × 30 mm		147 × 59 × 30 mm		122 × 59 × 30 mm	
Product Weight	108 g	108 g	105 g	105 g	105 g	105 g	105 g	105 g
Q'ty/CTN	60 pcs	60 pcs	60 pcs	60 pcs	60 pcs	60 pcs	60 pcs	60 pcs
NW/GW	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg	11 kg / 12 kg
Recommended For	Basic air-velocity checks	HVAC airflow and air-volume work	Ambient temperature and humidity	Lighting-level surveys	A/C-weighted noise checks	Routine A-weighted noise checks	Rotational speed and count	Speed, frequency, count, and stored readings

HK820/HK820+/HK880A

Digital anemometer



HK820

HK820+

HK880A

Specifications	HK820		HK820+		HK880A	
	Range	Accuracy	Range	Accuracy	Range	Accuracy
Air Velocity Range	0.40~30.00m/s	±(2.0% + 0.5m/s)	0.40~30.00m/s	±(2.0% + 0.5m/s)	0.40~30.00m/s	±(2.0% + 0.5m/s)
	1.40~108.0km/h	±(2.0% + 1.8km/h)	1.40~108.0km/h	±(2.0% + 1.8km/h)	1.40~108.0km/h	±(2.0% + 1.8km/h)
	1.30~98.5ft/s	±(2.0% + 1.6ft/s)	1.30~98.5ft/s	±(2.0% + 1.6ft/s)	1.30~98.5ft/s	±(2.0% + 1.6ft/s)
	0.80~58.30knos	±(2.0% + 1.0knots)	0.80~58.30knos	±(2.0% + 1.0knots)	0.80~58.30knos	±(2.0% + 1.0knots)
	0.90~67.10mph	±(2.0% + 1.1Mph)	0.90~67.10mph	±(2.0% + 1.1Mph)	0.90~67.10mph	±(2.0% + 1.1Mph)
	78.00~5900ft/m	±(2.0% + 10ft/m)	78.00~5900ft/m	±(2.0% + 10ft/m)	78.00~5900ft/m	±(2.0% + 10ft/m)
Air Velocity Grade	0~12	±1	0~12	±1	0~12	±1
Temperature Range	-20°C~60°C	±1.5°C	-20°C~60°C	±1.5°C	-20°C~60°C	±1.5°C
	-4°F~140°F	±2.7°F	-4°F~140°F	±2.7°F	-4°F~140°F	±2.7°F
Temp Resolution	1.0°C/1°F,<-20°C display "Lo" ,>60°C display "Hi"		1.0°C/1°F,<-20°C display "Lo" ,>60°C display "Hi"		1.0°C/1°F,<-20°C display "Lo" ,>60°C display "Hi"	
Air Volume Measurement			CMM/0~9999		CMM/0~9999	
			CFM/0~9999		CFM/0~9999	
Air Volume Measurement			0.1		0.1	
Sampling Rate	2 times/sec		2 times/sec		2 times/sec	
Sensor Type	Magnetic induction wind speed sensor and negative temperature coefficient temperature sensor					
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode					
Operating Conditions	0°C~ 40°C, 10RH%~80RH%		0°C~ 40°C, 10RH%~80RH%		0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%		-10°C~60°C, 10RH%~ 70RH%		-10°C~60°C, 10RH%~ 70RH%	
Display	9999 counters with bargraph		9999 counters with bargraph		9999 counters with bargraph	
Backlight	●		●		●	
Air Volume Area Setting			●		●	
Data Hold	●		●		●	
MAX/MIN/Avg Hold	●		●		●	
Auto Power Off	●		●		●	
Adjustable Test Angle					●	
Battery Capacity Display					●	
Low-Battery Indication	●		●		●	
General Features						
Battery Type	1.5V(AAA)×3		1.5V(AAA)×3		1.5V(AAA)×2	
Display	32x30mm		32x30mm		37×14mm	
Product Size	154×59×30 mm		154×59×30 mm		190x33x31mm	
Product Weight	108g		108g		65g	
CTN Size	43.5×33×40 mm		43.5×33×40 mm		37x44x26.5cm	
Q'ty/CTN	60pcs		60pcs		100pcs	
NW/GW	11kg/12kg		11kg/12kg		13kg/14kg	

HK39T/HK830

Digital temperature meter/thermo-hygrometer



Specifications	HK39T		HK830	
	Range	Accuracy	Range	Accuracy
Temperature Range (°C)	-50.0°C~20.0°C	±4°C	-30.0°C~10.0°C	±1.0°C
	-20°C~0.0°C	±2°C	-10.0°C~60.0°C	±0.8°C
	0°C~200.0°C	±(1.0% + 2°C)		
	200°C~500°C	±(1.0% + 2°C)		
	500°C~1300°C	±(1.0% + 3°C)		
Temperature Range (°F)	-58°F~-4.0°F	±5°F	-22.0°F~14.0°F	±2.0°F
	-4.0°F~32.0°F	±4°F	-14.0°F~158.0°F	±1.5°F
	32.0°F~200.0°F	±(1.0% + 3°F)		
	200.0°F~932.0°F	±(1.0% + 3°F)		
	932.0°F~1999.0°F	±(1.0% + 4°F)		
Ambient Humidity			0~10%RH	±8.5%RH
			10%~20%	±6%RH
			20%~80%	±4.5%RH
			80%~90%	±8.5%RH
			90%~100%	±6%RH
Resolution	0.1°C/0.1°F,0.1%RH <-20°Cdisplay “Lo”; >60°Cdisplay “Hi”			
Sampling Rate	2 times/ sec			
Display	3-digit LCD display, max.display “1999”			
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode			
Operating Conditions	0°C~ 40°C, 10RH%~80RH%			
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%			
Backlight	●		●	
Flashlight	●			
Data Hold	●		●	
MAX/MIN			●	
Auto Power Off	●		●	
Low-Battery Indication	●		●	
General Features				
Battery Type	1.5V(AAA)×2		1.5V(AAA)×3	
Display	42.5x26mm		32x30mm	
Product Size	1 19×65 ×30 mm		1 45×59 ×30 mm	
Product Weight	130g		105g	
CTN Size	47×31.5 ×34.7 mm		43.5×33 ×40 mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	19.5kg/20.5kg		11kg/12kg	



HK39T



HK830

HK880C

Digital thermo-hygrometer

Specifications	HK880C	
	Range	Accuracy
Temperature Range	-20°C~0°C	±1.5°C
	0°C~45°C	±1.0°C
	45°C~60°C	±1.5°C
	-4°F~32°F	±1.5°F
	32°F~113°F	±1.0°F
	113°F~140°F	±1.5°F
Wet Bulb Temperature	-20°C~0°C	±1.5°C
	0°C~45°C	±1.0°C
	45°C~60°C	±1.5°C
	-4°F~32°F	±1.5°F
	32°F~113°F	±1.0°F
	113°F~140°F	±1.5°F
Dew Point Temperature	-20°C~0°C	±1.5°C
	0°C~45°C	±1.0°C
	45°C~60°C	±1.5°C
	-4°F~32°F	±1.5°F
	32°F~113°F	±1.0°F
	113°F~140°F	±1.5°F
Ambient Humidity	0~10%RH	±8.5%RH
	10%~20%	±6%RH
	20%~80%	±4.5%RH
	80%~90%	±8.5%RH
	90%~100%	±6%RH
Resolution	0.1°C/0.1°F,0.1%RH <-20°C display "Lo", >60°C display "Hi"	
Sampling Rate	2 times/ sec	
Display	6-digit LCD display, max.display "999 999"	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fffmode.	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%	
Backlight	●	
Data Hold	●	
MAX/MIN	●	
Auto Power Off	●	
Battery Capacity Display	●	
Low-Battery Indication	●	
General Features		
Battery Type	1.5V(AAA)×2	
Display	37×14mm	
Product Size	190x33x31mm	
Product Weight	65g	
CTN Size	37x44x26.5cm	
Q'ty/CTN	100pcs	
NW/GW	13kg/14kg	



HK880C

A8801/TI608

Digital temperature meter

Specifications	A8801		TI608	
	Range	Accuracy	Range	Accuracy
Temperature Range (°C)	-50°C~20.0°C	±4°C	0.0°C~50.0°C	±1.0°C
	-20°C~0.0°C	±2°C		
	0°C~200.0°C	±(1.0% + 2°C)		
	200°C~500°C	±(1.0% + 2°C)		
	500°C~750°C	±(1.0% + 3°C)		
Temperature Range (°F)	-58°F~-4.0°F	±5°F	-32.0°F~120°F	±1.0°F
	-4.0°F~32.0°F	±4°F		
	32.0°F~200.0°F	±(1.0% + 3°F)		
	200.0°F~932.0°F	±(1.0% + 3°F)		
	932.0°F~1382.0°F	±(1.0% + 4°F)		
Ambient Humidity			10~99%RH	±10%RH
Resolution	0.1°C/0.1°F		0.1°C/0.1°F	
Sampling rate	2 times/ sec		2 times/ sec	
Display	3-digit LCD display, max.display“1999”		2-digit LCD display, max.display“199”	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fffmode			
Operating Conditions	0°C~ 40°C, 10RH%~80RH%			
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%			
Data Hold	●			
Auto Power Off	●			
Low-Battery Indication	●		●	
General Features				
Battery Type	1.5V(AAA)×2		1.5V(AAA)×1	
Display	43x20mm		53x66mm	
Product Size	130×62×27 mm		105×95×15 mm	
Product Weight	150g		105g	
CTN Size	54×41×39 mm		59×29×29.5 mm	
Q'ty/CTN	100pcs		100pcs	
NW/GW	15.5kg/16.5kg		15kg/16kg	



A8801



TI608

HK880B

Digital lux meter

Specifications	HK880B	
	Range	Accuracy
Measuring Range	0 Lux ~ 200K Lux 0 Fc ~ 20K Fc	± 3%+8d (<10KLux) ± 4%+10d (>10KLux)
Temperature Range	-20°C~60°C -4°F~140°F	± 1.5°C ± 2.7°F
Resolution	1.0°C/1°F,<-20°C display "Lo", >60°C display "Hi"	
Sampling Rate	2 times/ sec	
Display	4-digit LCD display, max.display “9999”	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%	
Backlight	●	
Data Hold	●	
Max/MIN/Avg Hold	●	
Data Storage	●	
Auto Power Off	●	
Adjustable Test Angle	●	
Battery Capacity Display	●	
Low-Battery Indication	●	
General Features		
Battery Type	1.5V(AAA)×2	
Display	37×14mm	
Product Size	190x33x31mm	
Product Weight	65g	
CTN Size	37x44x26.5cm	
Q'ty/CTN	100pcs	
NW/GW	13kg/14kg	



HK880B

HK870/LX1010B+

Digital lux meter

Specifications	HK870		LX1010B+	
	Range	Accuracy	Range	Accuracy
Measuring Range	0 Lux ~ 200K Lux	± 3% + 8d (<10KLux)	0 Lux ~ 200K Lux	± 3% + 8d (<10KLux)
	0 Fc ~ 20KFc	± 4% + 10d (>10KLux)	0 Fc ~ 20K Fc	± 4% + 10d (>10KLux)
Temperature Range	-20°C~60°C	± 1.5°C	-20°C~60°C	± 1.5°C
	-4°F~140°F	± 2.7°F	-4°F~140°F	± 2.7°F
Display	4-digit LCD display, max.display"9999"		4-digit LCD display, max.display"1999"	
Repeatability	2%		2%	
Sampling Rate	2 times/ sec		2 times/ sec	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode			
Operating Conditions	0°C~ 40°C, 10RH%~80RH%			
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%			
Backlight	●		●	
Data Hold	●		●	
MAX/MIN	●		MAX	
Auto Power Off	●			
Battery Capacity Display	●			
Low-Battery Indication	●		●	
General Features				
Battery Type	1.5V(AAA)×3		6F22 9V	
Display	32x30mm		50x29mm	
Product Size	1 45×59×30 mm		224×73.6×32 mm	
Product Weight	105g		215g	
CTN Size	43.5×33×40 mm		50×28×41.5 mm	
Q'ty/CTN	60pcs		40pcs	
NW/GW	11kg/12kg		15.6kg/16.6kg	



HK870



LX1010B+

HK880F/HK850+

Digital sound level meter

Specifications	HK880F		HK850+	
	Range	Accuracy	Range	Accuracy
Measuring Level Range	30~130dB A	±1.5dB(94dB@1kHz)	30~130dB A	±1.5dB(94dB@1kHz)
	30~130dB C	±1.5dB(94dB@1kHz)	30~130dB C	±1.5dB(94dB@1kHz)
Temperature Range	-20°C~60°C	±1.5°C	-20°C~60°C	±1.5°C
	-4°F~140°F	±2.7°F	-4°F~140°F	±2.7°F
Frequency Range	31.5Hz~8.5kHz		31.5Hz~8.5kHz	
Linearity Range	50dB		50dB	
Resolution	0.1dB,1.0°C/1°F,<-20°C display "Lo", >60°C display " Hi"			
Sampling Rate	2 times/ sec		2 times/ sec	
Display	4-digit LCD display, max.display"9999"		4-digit LCD display, max.display"9999"	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode		The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%			
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%			
Backlight	●		●	
Data Hold	●		●	
MAX/MIN/Avg Hold	●		MAX/MIN	
Auto Power Off	●		●	
Battery Capacity Display	●		●	
Low-Battery Indication	●		●	
General Features				
Battery Type	1.5V(AAA)×2		1.5V(AAA)×3	
Display	37×14mm		32x30mm	
Product Size	190x33x31mm		147×59×30 mm	
Product Weight	65g		105g	
CTN Size	37x44x26.5cm		43.5×33×40 mm	
Q'ty/CTN	100pcs		60pcs	
NW/GW	13kg/14kg		11kg/12kg	



HK880F



HK850+

HK850/A8850

Digital sound level meter

Specifications	HK850		A8850	
	Range	Accuracy	Range	Accuracy
Measuring Level Range	30~130dB A	±1.5dB(94dB@1kHz)	30~130dB A	±1.5dB(94dB@1kHz)
			30~130dB C	±1.5dB(94dB@1kHz)
Temperature Range	-20°C~60°C	±1.5°C		
	-4°F~140°F	±2.7°F		
Frequency Range	31.5Hz~8.5kHz		31.5Hz~8.5kHz	
Linearity Range	50dB		50dB	
Resolution	0.1dB, 1.0°C/1°F		0.1dB, 1.0°C/1°F	
Sampling Rate	2 times/sec		2 times/sec	
Display	4-digit LCD display, max.display"9999"		3-digit LCD display, max.display"9999"	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fmode			
Operating Conditions	0°C~ 40°C, 10RH%~80RH%			
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%			
Backlight	●			
Data Hold	●		●	
MAX/MIN/Avg Hold	MAX/MIN		MAX	
Auto Power Off	●			
Battery Capacity Display	●			
Low-Battery Indication	●		●	
General Features				
Battery Type	1.5V(AAA)×3		6F22 9V	
Display	32x30mm		50x29mm	
Product Size	147×59×30 mm		235×73.6×32 mm	
Product Weight	105g		215g	
CTN Size	43.5×33×40 mm		50×28×41.5 mm	
Q'ty/CTN	60pcs		40pcs	
NW/GW	11kg/12kg		15.6kg/16.6kg	



HK850



A8850

HK880E

Digital moisture meter

Specifications	HK880E	
	Range	Accuracy
Moisture Range	1.Spruce, larch, birch, cherry, walnut	±8.8~54.8%
	2.Oak, pine, maple, ash, douglas fir, eucalyptus	7.0~47.9%
	3.Cement mortar layer	0.9~22.1%
	4.Anhydrous gypsum mortar layer	0.0~11.0%
	5.Cement mortar	0.7~8.6%
	6.Lime mortar	0.6~8.6%
	7.Bricks	0.~16.5%
Temperature Range	-20°C~60°C	±1.5°C
	-4°F~140°F	±2.7°F
Humidity	Hi, Hi Lo, Lo	
Resolution	0.1%,1.0°C/1°F,<-20°C display "Lo", >60°C display "Hi"	
Display	4-digit LCD display, max.display “9999”	
Sampling Rate	2 times/ sec	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o fffmode	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%	
Backlight	●	
Auto Power Off	●	
Battery Capacity Display	●	
Low-Battery Indication	●	
General Features		
Battery Type	1.5V(AAA)×2	
Display	37×14mm	
Product Size	190x33x31mm	
Product Weight	65g	
CTN Size	37x44x26.5cm	
Q'ty/CTN	100pcs	
NW/GW	13kg/14kg	



HK880E

DT2234/HK880/HK880+/HK880G

Digital tachometer



DT2234



HK880



HK880+



HK880G

Specifications	DT2234		HK880		HK880+		HK880G	
	Range	Accuracy	Range	Accuracy	Range	Accuracy	Range	Accuracy
Measuring Range	2.5~999.9RPM	0.1RPM	0.1 RPM~99RPM	±3.0%	0.1 RPM~99RPM	±3.0%	0.1 RPM~99RPM	±3.0%
	1000~49999RPM	1RPM	100RPM~99999RPM	±(0.04%+2)	100RPM~99999RPM	±(0.04%+2)	100RPM~99999RPM	±(0.04%+2)
Frequency Range					0.05~999.99Hz	±(0.05%+1)		
Count			0~99999	±1%	0~99999	±1%	0~99999	±1%
Temperature Range			-20°C~60°C	±1.5°C	-20°C~60°C	±1.5°C	-20°C~60°C	±1.5°C
			-4°F~140°F	±2.7°F	-4°F~140°F	±2.7°F	-4°F~140°F	±2.7°F
Resolution			1.0°C/1°F,<-20°C display"Lo";>60°C display"Hi"		1.0°C/1°F,<-20°C display"Lo";>60°C display"Hi"		1.0°C/1°F,<-20°C display"Lo";>60°C display"Hi"	
Display	4-digit LCD display, max.display “49999”		5-digit LCD display, max.display“99999”		5-digit LCD display, max.display“99999”		5-digit LCD display, max.display “99999”	
Sampling Rate	2 times/sec		2 times/sec		2 times/sec		2 times/sec	
Enable Auto Power Off			The meter shuts off automatically auto power off mode		The meter shuts off automatically auto power off mode		The meter shuts off automatically after 15 minutes inactivity under auto power off mode	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%		0°C~ 40°C, 10RH%~80RH%		0°C~ 40°C, 10RH%~80RH%		0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%		-10°C~60°C, 10RH%~ 70RH%		-10°C~60°C, 10RH%~ 70RH%		-10°C~60°C, 10RH%~ 70RH%	
Backlight			●		●		●	
Data Hold	●		●		●		●	
Data Storage					Last 99 values			
MAX/MIN/Avg Hold			MAX/MIN		MAX/MIN		●	
Auto Power Off			●		●		●	
Battery Capacity Display							●	
Low-Battery Indication	●		●		●		●	
General Features								
Battery Type	1.5V(AA)×4		1.5V(AAA)×3		1.5V(AAA)×3		1.5V(AAA)×2	
Display			32x30mm		32x30mm		37×14mm	
Product Size	184×76×30 mm		122×59×30 mm		122×59×30 mm		190×33×31mm	
Product Weight			105g		105g		65g	
CTN Size			43.5×33×40 mm		43.5×33×40 mm		37×44×26.5cm	
Q'ty/CTN			60pcs		60pcs		100pcs	
NW/GW			11kg/12kg		11kg/12kg		13kg/14kg	

HK880D

Digital gas leak detector

Specifications	HK880D	
	Range	Accuracy
C0mbustible Gas Detection	50~1000ppm	≤10% FS(methane)
Sensitivity	<50ppm (methane)	
Sampling Rate	2 times/sec	
Display	LCD	
Enable Auto Power Off	The meter shuts o ffautomatically after 15 minutes inactivity under auto power o ffmode	
Operating Conditions	0°C~ 40°C, 10RH%~80RH%	
Storage Conditions	-10°C~60°C, 10RH%~ 70RH%	
Alarm Mode	Visible, Audible	
Auto Zero	●	
Backlight	●	
Auto Power Off	●	
Low-Battery Indication	●	
General Features		
Battery Type	1.5V(AA)×2	
Display	37×14mm	
Safety Category	EN61326-1	
Product Size	190 × 33 × 31mm	
Product Weight	65g	
CTN Size	37 ×44 ×26.5cm	
Q'ty/CTN	100pcs	
NW/GW	13kg/14kg	



HK880D

Layout and Measurement Tools

Laser distance meters are precise handheld devices designed to measure distances quickly and accurately using laser technology. These tools offer significant advantages over traditional tamp measures, providing faster and more accurate measurements. Laser distance meters find applications in various fields, including: construction and architecture, real estate and property management, surveying and mapping, interior design, and DIY home improvements.

Construction and architecture - measuring room dimensions for flooring, painting, or remodeling, calculating building heights and distances between structures, verifying as-built dimensions against blueprints

Real estate and property management - quickly measuring property dimensions for listings, calculating square footage of rooms and buildings

Interior design and decoration - planning furniture layout, measuring for window treatments and custom cabinetry

Surveying and mapping - basic land surveying tasks, measuring inaccessible areas or heights

DIY home improvement projects - measuring for home renovation projects, hanging pictures or shelves with precision

Industrial Applications – inventory management in warehouses (measuring stack heights or distances), checking dimensions in manufacturing processes.



Selection Guide - Laser Distance Meters

Model	LDM-40M	LDM-60M	LDM-80M	LDM-100M	LDM-40A	LDM-60A	LDM-80A	LDM-100A
Product Images								
Measuring Range	0.05m-40m	0.05m-60m	0.05m-80m	0.05m-100m	0.05m-40m	0.05m-60m	0.05m-80m	0.05m-100m
Laser Grade	Class II, <1mW							
Laser Type	620-690nm							
Measuring Unit	m, ft, in							
Area Unit	m², ft², in²							
Volume Unit	m³, ft³, in³							
Area Measurement	●	●	●	●	●	●	●	●
Volume Measurement	●	●	●	●	●	●	●	●
Pythagorean Measuremen	●	●	●	●	●	●	●	●
Addition/Subtraction Function	●	●	●	●	●	●	●	●
Tracking Measurement	●	●	●	●	●	●	●	●
Max/Min	●	●	●	●	●	●	●	●
Unit Conversion	●	●	●	●	●	●	●	●
Date Clear	—	—	—	—	—	●	●	●
Error Code	●	●	●	●	●	●	●	●
Data Saving	20 groups					99 groups		
Backlight Display	●	●	●	●	●	—	—	—
Bihorizontal Bubble Level	●	●	●	●	●	—	—	—
HD Self-Luminous LCD Display	—	—	—	—	—	●	●	●
Angle Measurement	—	—	—	—	—	●	●	●
Auto Laser Switch Off	30s	30s	30s	30s	30s	30s	30s	30s
Auto Power Switch Off	180s	180s	180s	180s	180s	180s	180s	180s
Low Battery Indication	●	●	●	●	●	●	●	●
Soft Grip Housing Case	●	●	●	●	●	●	●	●
Operating Temperature Range	0°C-40°C							
Storage Temperature Range	-20°C-65°C							
Battery Working Time	>5000 times							
Battery	AAA 1.5V×2							
Product Size	110×46×72mm					112×45×25.5mm		
Product Weight	72g					80g		

LDM-40/LDM-60/LDM-80/LDM-100

Laser distance meter



Specifications	LDM-40	LDM-60	LDM-80	LDM-100
Measuring Range	0.2~40m	0.2~60m	0.2~80m	0.2~100m
Accuracy	±2mm	±2mm	±2mm	±2mm
Laser Grade	Class 2M II	Class 2M II	Class 2M II	Class 2M II
Laser Type	635nm,<1mW	635nm,<1mW	635nm,<1mW	635nm,<1mW
Area Measurement	●	●	●	●
Volume Measurement	●	●	●	●
Pythagorean Measyement	●	●	●	●
Addition/Subtraction Function	●	●	●	●
Tracking Measurement	●	●	●	●
Maximum and Minimum	●	●	●	●
Backlight	●	●	●	●
Beeper	●	●	●	●
Data Removal	●	●	●	●
Data Saving	The 20 group	The 20 group	The 20 group	The 20 group
Dust and Water Splash	IP54	IP54	IP54	IP54
Operating Temperature Range	-10°C~40°C	-10°C~40°C	-10°C~40°C	-10°C~40°C
Storage Temperature Range	-20°C~70°C	-20°C~70°C	-20°C~70°C	-20°C~70°C
Battery Capacity	5000 to 8000	5000 to 8000	5000 to 8000	5000 to 8000
Auto Laser Switch Off	30 seconds	30 seconds	30 seconds	30 seconds
Auto Power Switch Off	180 seconds	180 seconds	180 seconds	180 seconds
Low-Battery Indication	●	●	●	●
General Features				
Battery Type	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2	1.5V(AAA)×2
Display	27×32mm	27×32mm	27×32mm	27×32mm
Product Size	160×100×32mm	160×100×32mm	160×100×32mm	160×100×32mm
Product Weight	70g	70g	70g	70g
CTN Size	53×22×33.5cm	53×22×33.5cm	53×22×33.5cm	53×22×33.5cm
Q'ty/CTN	50 pcs	50 pcs	50 pcs	50 pcs
NW/GW	6.8kg/7.8kg	6.8kg/7.8kg	6.8kg/7.8kg	6.8kg/7.8kg

LDM-40M/60M/80M/100M

Laser Distance Meter with built-in Bihorizontal Bubble Level



LDM-40M

LDM-60M

LDM-80M

LDM-100M

Specifications	LDM-40M	LDM-60M	LDM-80M	LDM-100M
Measuring Range	0.05m - 40m	0.05m - 60m	0.05m - 80m	0.05m - 100m
Accuracy	±2.0mm	±2.0mm	±2.0mm	±2.0mm
Laser Grade	Class II, < 1mW	Class II, < 1mW	Class II, < 1mW	Class II, < 1mW
Laser Type	620 - 690nm	620 - 690nm	620 - 690nm	620 - 690nm
Area Measurement	●	●	●	●
Volume Measurement	●	●	●	●
Pythagorean Measurement	●	●	●	●
Addition/Subtraction Function	●	●	●	●
Tracking Measurement	●	●	●	●
Maximum and Minimum	●	●	●	●
Unit Conversion	●	●	●	●
Measuring Unit	m,ft,in	m,ft,in	m,ft,in	m,ft,in
Area Unit	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²
Volume Unit	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³
Error Code	●	●	●	●
Data Saving	20 groups	20 groups	20 groups	20 groups
Operating Temperature Range	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C
Storage Temperature Range	-20°C - 65°C	-20°C - 65°C	-20°C - 65°C	-20°C - 65°C
Backlight Display	●	●	●	●
Bihorizontal Bubble Level	●	●	●	●
Auto Laser Switch Off	30s	30s	30s	30s
Auto Power Switch Off	180s	180s	180s	180s
Low Battery Indication	●	●	●	●
Soft Grip Housing Case	●	●	●	●
Battery Working Time	> 5000 times	> 5000 times	> 5000 times	> 5000 times
Battery (Alkaline)	AAA 1.5Vx2	AAA 1.5Vx2	AAA 1.5Vx2	AAA 1.5Vx2
Product Size (mm)	110x46x72	110x46x72	110x46x72	110x46x72
Product Weight (g)	72	72	72	72

LDM-40A/60A/80A/100A

Laser Distance Meter with built-in Electronic Angle Sensor



LDM-40A

LDM-60A

LDM-80A

LDM-100A

Specifications	LDM-40A	LDM-60A	LDM-80A	LDM-100A
Measuring Range	0.05m - 40m	0.05m - 60m	0.05m - 80m	0.05m - 100m
Accuracy	±2.0mm	±2.0mm	±2.0mm	±2.0mm
Laser Grade	Class II, < 1mW	Class II, < 1mW	Class II, < 1mW	Class II, < 1mW
Laser Type	620 - 690nm	620 - 690nm	620 - 690nm	620 - 690nm
Area Measurement	●	●	●	●
Volume Measurement	●	●	●	●
Pythagorean Measurement	●	●	●	●
Addition/Subtraction Function	●	●	●	●
Tracking Measurement	●	●	●	●
Maximum and Minimum	●	●	●	●
Unit Conversion	●	●	●	●
Measuring Unit	m,ft,in	m,ft,in	m,ft,in	m,ft,in
Area Unit	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²	m ² ,ft ² ,in ²
Volume Unit	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³	m ³ ,ft ³ ,in ³
Date Clear	●	●	●	●
Error Code	●	●	●	●
Data Saving	99 groups	99 groups	99 groups	99 groups
Operating Temperature Range	0°C - 40°C	0°C - 40°C	0°C - 40°C	0°C - 40°C
Storage Temperature Range	-20°C - 65°C	-20°C - 65°C	-20°C - 65°C	-20°C - 65°C
HD Self-Luminous LCD Display	●	●	●	●
Angle Measurement	●	●	●	●
Auto Laser Switch Off	30s	30s	30s	30s
Auto Power Switch Off	180s	180s	180s	180s
Low Battery Indication	●	●	●	●
Soft Grip Housing Case	●	●	●	●
Battery Working Time	> 5000 times	> 5000 times	> 5000 times	> 5000 times
Battery (Alkaline)	AAA 1.5Vx2	AAA 1.5Vx2	AAA 1.5Vx2	AAA 1.5Vx2
Product Size (mm)	112x45x25.5	112x45x25.5	112x45x25.5	112x45x25.5
Product Weight (g)	80	80	80	80

PM-1700

Paint Meter

Specifications	PM-1700
Display Screen	Segment Code LCD Screen
Measuring Range	Magnetic: 0 - 1700µm Non-magnetic: 0 - 1700µm
Resolution	0.1µm @ (0 - 99.9µm) 1µm @ (100 - 1700µm)
Indication Error	±(2+2%*H)µm @ (0 -500µm) ±(2.5%*H)µm @ (>500µm - 1700µm)
Min Measuring Area	Magnetism: 25x25mm Non-magnetism: 25x25mm
Min Curvature	Convexity: 5mm Concavity: 30mm
Min Thickness of Substrate	Magnetic material: 0.2mm Non-Magnetic material: 0.05mm
Memory	30 Units
Over Limit Alarm	Yes
Battery	AAA 1.5 x 2
Operating Temp./Humidity	0°C - 50°C; 10% - 80%RH
Storage Temp./Humidity	-10°C - 60°C; 10% - 70%RH
Product Weight (g)	79
Product Size (mm)	120x52x26



PM-1700

Infrared Thermometers

- Automotive: diagnosing engine problems, checking tire temperatures during racing, measuring exhaust system temperatures.
- Food Industry: ensuring food safety during storage and preparation, monitoring cooking temperatures, checking refrigeration and freezer temperatures.
- Building and home maintenance: detecting heat loss in insulation, identifying areas of moisture or water damage, locating heating/cooling inefficiencies.
- HVAC (Heating, Ventilation, and Air Conditioning): diagnosing system performance issues, checking duct temperatures, measuring room temperatures quickly.
- Medical and veterinary: screening for fever (especially useful during pandemics), checking animal temperatures without contact.
- Firefighting and safety: identifying hot spots in fires, checking for overheated electrical components
- Agriculture: monitoring soil temperature, checking livestock for fever, assessing crop health and irrigation needs.
- Energy auditing: identifying areas of energy loss in buildings, checking solar panel efficiency.



Model	HK8866	HK8860	HK8861	HK8862	HK8863
Product Images					
Temperature(°C)	600°C	350°C	350°C	550°C	550°C
Temperature(°F)	1112°F	662°F	662°F	1022°F	1022°F
Temperature Resolution	0.1°C / 0.1°F	0.1°C / 0.1°F	0.1°C / 0.1°F	0.1°C / 0.1°F	0.1°C / 0.1°F
Response Time	0.1 sec	0.1 sec	0.1 sec	0.5 sec	0.5 sec
Emissivity	Fixed at 0.95	Fixed at 0.95	0.10~1.00	Fixed at 0.95	0.10~1.00
Distance to Spot Size Ratio	12:1	10:1	10:1	10:1	10:1
Spectral Response	8~14μm	8~14μm	8~14μm	8~14μm	8~14μm
Auto Power Off	Automatic shut-off after approx. 30 seconds	Automatic shut-off after approx. 7 seconds			
Operating Conditions	0°C~50°C, 10RH%~80RH%				
Storage Conditions	-20°C~65°C, 10RH%~70RH%				
Backlight	●	●	●	●	●
Auto Data Hold	●	●	●	●	●
MAX/MIN	●	●	●	●	●
Low-Battery Indication	●	●	●	●	●
Battery Type	1.5V (AAA) × 1	6F22 9V	6F22 9V	6F22 9V	6F22 9V
Display	31 × 34 mm	28 × 29 mm	28 × 29 mm	28 × 29 mm	28 × 29 mm
Product Size	165 × 47 × 59 mm	171 × 254 × 61 mm	171 × 254 × 61 mm	171 × 254 × 61 mm	171 × 254 × 61 mm
Product Weight	135 g	258 g	258 g	258 g	258 g
CTN Size	53 × 22 × 45 cm	51 × 41 × 28 cm	51 × 41 × 28 cm	51 × 41 × 28 cm	51 × 41 × 28 cm
Q'ty/CTN	40 pcs	200g	200g	200g	200g
NW/GW	6.5 kg / 7.5 kg	11.5 kg / 12.5 kg	11.5 kg / 12.5 kg	11.5 kg / 12.5 kg	11.5 kg / 12.5 kg

HK8866

Infrared thermometer

Specifications	HK8866	
	Range	Accuracy
Temperature Range	-50°C ~ -20°C	±3°C
	-20°C ~ 0°C	±2°C
	0°C ~ 600°C	±(1.5% + 1.5°C)
	-58°F ~ -4°F	±6°F
	-4°F ~ 32°F	±4°F
	32°F ~ 1112°F	±(1.5% + 3°F)
Temperature Resolution	0.1°C / 0.1°F	
Svarstid	0.1 sec	
Emissivity	Fixed at 0.95	
Distance to Spot Size Ratio	12:1	
Spectral Response	8~14um	
Auto Power Off	Automatic shut off after 30 seconds, approx.	
Operating Conditions	0°C~ 50°C, 10RH%~80RH%	
Storage Conditions	-20°C~65°C, 10RH%~ 70RH%	
Backlight	●	
Auto Data Hold	●	
Max/MIN	●	
Low-Battery Indication	●	
General Features		
Battery Type	1.5V(AAA)×1	
Display	31×34mm	
Product Size	165x47x59mm	
Product Weight	135g	
CTN Size	53x22x45cm	
Q'ty/CTN	40pcs	
NW/GW	6.5kg/7.5kg	



HK8866

HK8860/HK8861

Infrared thermometer

Specifications	HK8860		HK8861	
	Range	Accuracy	Range	Accuracy
Temperature Range	-32°C~50°C	±1.5°C	-32°C~50°C	±1.5°C
	51°C~350°C	±(1.5% + 1°C)	51°C~350°C	±(1.5% + 1°C)
	-26°F~122°F	±1.5°F	-26°F~122°F	±1.5°F
	123°F~662°F	±(1.5% + 1°F)	123°F~662°F	±(1.5% + 1°F)
Temperature Resolution	0.1°C / 0.1°F			
Svarstid	0.1 sekund			
Emissivity	Fixed at 0.95		0.10~1.00	
Distance to Spot Size Ratio	10:1			
Spectral Response	8~14um			
Auto Power Off	Automatic shut off after 7 seconds, approx.			
Operating Conditions	0°C~ 50°C, 10RH%~80RH%			
Storage Conditions	-20°C~65°C, 10RH%~ 70RH%			
Backlight	●			
Auto Data Hold	●			
Max/MIN	●			
Low-Battery Indication	●			
General Features				
Battery Type	6F22 9V		6F22 9V	
Display	28×29mm		28×29mm	
Product Size	171×254 ×61 mm		171×254 ×61 mm	
Product Weight	258g		258g	
CTN Size	51x41x28cm		51x41x28cm	
Q'ty/CTN	200pcs		200pcs	
NW/GW	11.5kg/12.5kg		11.5kg/12.5kg	



HK8860



HK8861

HK8862/HK8863

Infrared thermometer

Specifications	HK8862		HK8863	
	Range	Accuracy	Range	Accuracy
Temperature Range	-32°C~50°C	±1.5°C	-32°C~50°C	±1.5°C
	51°C~550°C	±(1.5%+1°C)	51°C~550°C	±(1.5%+1°C)
	-26°F~122°F	±1.5°F	-26°F~122°F	±1.5°F
	123°F~1022°F	±(1.5%+1°F)	123°F~1022°F	±(1.5%+1°F)
Temperature Resolution	0.1°C / 0.1°F			
Svarstid	0.5 sekund			
Emissivity	Fixed at 0.95		0.10~1.00	
Distance to Spot Size Ratio	10:1			
Spectral Response	8~14um			
Auto Oower Off	Automatic shut off after 7 seconds, approx.			
Operating Conditions	0°C~ 50°C, 10RH%~80RH%			
Storage Conditions	-20°C~65°C, 10RH%~ 70RH%			
Backlight	●			
Auto Data Hold	●			
Max/MIN	●			
Low-Battery Indication	●			
General Features				
Battery Type	6F22 9V		6F22 9V	
Display	28×29mm		28×29mm	
Product Size	171×254×61 mm		171×254×61 mm	
Product Weight	258g		258g	
CTN Size	51x41x28cm		51x41x28cm	
Q'ty/CTN	200pcs		200pcs	
NW/GW	11.5kg/12.5kg		11.5kg/12.5kg	



HK8862



HK8863

HK116A/HK116B

Smart SMD Tester

Specifications	HK116A		HK116B	
	Range	Accuracy	Range	Accuracy
DC Voltage			60V	±(0.5% + 3d)
Resistance	400/4k/40k/400k/4MΩ	±(0.5%+3)	400/4k/40k/400k/2MΩ	±(1.0% + 2d)
	40MΩ	±(0.5%+3)	40MΩ	±(2% + 2d)
Capacitance	4nF/40nF/400nF/4μF/40μF	±(2.5%+3)	4nF/40nF/400nF/4μF/40μF	±(2.5% + 5)
	40uF/400uF	±(3.0%+3)	400μF/4mF/40mF	±(3.0% + 5)
	4mF/40mF	±(10%+5d)		
Express function				
Display Count	3999		3999	
Diode Test	●		●	
Continuity Buzzer	●		●	
Voltage Stablizing Diode			●	
Light Emitting Diode			●	
Capacitor Discharge			●	
Data Hold	●		●	
Battery Test			●	
Relative Mode			●	
Low Battery Display	●		●	
Auto Power Off	●		●	
Range Selection	Auto		AI+Auto	
General Features				
CAT Rating	CAT III 300V		CAT III 300V	
Battery Type	CR2032×1		CR2032×1	
Display	35×15mm		35×15mm	
Product Size	177×32.6×18.1mm		177×32.6×18.1mm	
Product Weight	63g		63g	
Ctn Size	41x26x29cm		41x26x29cm	
Q'ty/Ctn	100pcs		100pcs	
NW/GW	11.9kg/12.9kg		11.9kg/12.9kg	



HK116A



HK116B

Thermal Imagers

Building inspection and energy auditing: detecting heat loss and insulation defects, identifying moisture intrusion and potential mold growth, locating air leaks and thermal bridges.

Electrical and mechanical maintenance: detecting overheating electrical components, identifying failing motors or bearings, monitoring equipment performance.

HVAC: assessing ductwork efficiency, detecting leaks in radiant floor heating systems, evaluating overall system performance.

Industrial process monitoring: monitoring production line temperatures, checking product quality in manufacturing, assessing furnace and kiln operations.

Firefighting and fire prevention: locating hotspots in fires, identifying potential fire hazards, search and rescue operations in low visibility conditions.



Selection Guide - Thermal Imagers Product Comparison

Model	TP170	TP175	TI180	TI185	TI175	TI165
Product Images						
Temperature Range	-20~550°C					-20°C~1000°C
Infrared Resolution	160 × 120	256 × 192	160 × 120	256 × 192	96 × 96	32 × 32 (1024 pixels)
Measurement Accuracy	±2°C	±2°C	±2°C	±2°C	±2°C	±2°C
Measurement Sensitivity	—	—	—	—	0.1°C	—
Measurement Distance	0.3~3 m adjustable		—	—	—	—
Detector Type	Vanadium oxide thermal imaging sensor		Vanadium oxide thermal imaging sensor		VOx uncooled microbolometer	—
Measurement Modes	Point, line and area measurement		Industrial temperature measurement			—
Emissivity	0.01~1.00 (default 0.95)				0.01~1.00	0.1~1.0
Infrared Wavelength Range	8~14 μm					8~11.5 μm
Pixel Size	17 μm	12 μm	17 μm	12 μm	12 μm	—
Spatial Resolution	5.31 mrad	3.43 mrad	5.31 mrad	3.43 mrad	8.89 mrad	—
Focal Length	3.2 mm	3.5 mm	3.2 mm	3.5 mm	1.35 mm	—
Focal Distance	—	—	—	—	—	Fixed
Frame Rate/Capturing Frequency	25 Hz	25 Hz	25 Hz	25 Hz	25 Hz	6 Hz
Thermal Sensitivity	≤40 mK		≤40 mK (@25°C, F#1.0)		≤60 mK (@25°C, F#1.0)	0.15°C
Focusing Method	Fixed focus	Fixed focus	Fixed focus	Fixed focus	Fixed focus	—
Field of View (FOV)	50.0° (H) × 37.2° (V), 63.6° (D)		50.0° × 37.2°		50° × 50°	33°×33°/0.1 m shortest focal distance
Temperature Unit	°C / °F	°C / °F	°C / °F / K	°C / °F / K	°C / °F / K	—
Temperature Display	Center point, max temp, min temp; custom 3 points, 3 lines, 3 areas		Point temperature; line/surface average; max and min temperature		Center point, max temp, min temp	—
Temperature Analysis	—	—	3 points, 3 lines, 3 areas (APP recommended)		PC analysis tool	—
Level Adjustment	Manual	Manual	Manual	Manual	—	—
Center Point Temperature	—	—	●	●	●	—
High/Low Temperature Tracking	●	●	●	●	●	—
High/Low Temperature Alarm	On-screen marker and audio alarm		On-screen marker and audio alarm			High or low temperature alert
Isotherm Lines	—	—	—	—	●	—
Color Palettes	15 palettes		15 White Hot, Black Hot, so on		White Hot, Black Hot, so on	5 variants
Image Modes	Thermal imaging, picture-in-picture		Infrared, visible light, fusion, picture-in-picture			Hue blending
Visible Light	—	—	—	—	30 W	—
Photo/Video Recording	●	●	●	●	●	●
Image/Video Format	Image: JPEG / Video: MP4					Image: BMP, JPG / Video: MP4
Flashlight	—	—	—	—	●	—
Vision Options	—	—	—	—	—	5 variants
Brightness	—	—	—	—	—	Adjustable
Auto Power-off	—	—	—	—	—	Adjustable; default 5 min
Touch Panel	—	—	—	—	—	Resistive type touch panel
Keys	—	—	—	—	—	7 keys
Sensors	—	—	—	—	—	32 × 32 thermal array, humidity sensor, CMOS sensor
Data Interface	Type-C USB	Type-C USB	Type-C USB	Type-C USB	Type-C USB	USB
Supported Languages	Simplified Chinese, Traditional Chinese, English				10+ languages	—
Supported Mobile Systems	Android	Android	Android 6.0 / iOS 12.0 and above		—	—
Internal Storage	—	—	16 GB	16 GB	SD card / expandable	1 GB
External Memory	—	—	—	—	—	Up to 64 GB
Battery	—	—	Non-removable 18650, 3200 mAh			3.7 V 2500 mAh Li-Ion rechargeable
Charging Time	—	—	≤4 h	≤4 h	≤4 h	—
Operating Time / Battery Life	—	—	≥6 h	≥6 h	≥7 h	6 h
Operating Temperature	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~50°C	-10°C~40°C
Operating Humidity	10%~90% RH (non-condensing)					—
Storage Temperature	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~60°C	-20°C~70°C
Power Consumption	≤0.41 W	≤0.38 W	<1.6 W	<1.6 W	≤0.41 W	—
IP Rating	—	—	IP54	IP54	—	—
Drop Resistance	—	—	2 m	2 m	—	—
Certifications	FCC, RoHS, CE					—
Display	—	—	2.8" TFT	2.8" TFT	2.4" TFT	2.8" Touch Color LCD
Product Dimensions	135.3 × 26 × 29.2 mm		231 × 79.2 × 84.9 mm			220 × 62 × 50 mm
Product Weight	17 g	15.6 g	392 g	392 g	303 g	227.2 g
Standard Accessories	Color box, storage bag, dust-free cleaning cloth, user manual		Color box, Type-C data cable (1 m), user manual			—
Optional Accessories	—	—	Close-up lens (YRI256-WJ)		—	—

TP170/TP175

Mobile Plug-in Thermal Imaging Camera

- -20 to 550°C Temperature Measurement Range: Three selectable temperature ranges.
- High-Resolution Imaging: 160x120/256x192 infrared resolution options are available.
- Real-time Temperature Alarming: Customizable high and low-temperature alarm thresholds with marker indication and dual alert (visual & audio).
- 15 Color Palettes: Selectable based on different scenes and requirements.
- Multi-point Intelligent Measurement: Supports flexible positioning of 3 points, 3 lines, and 3D temperature distribution display.
- Multiple Image Modes Available: Provides options for thermal imaging/picture-in-picture display modes.

Model	TP170	TP175
Temperature Range	-20~550℃	-20~550℃
Infrared Resolution	160×120	256×192
Measurement Accuracy	±2℃ or ±2% of reading	
Measurement Distance	0.3~3m adjustable	
Detector Type	Oxide Vanadium Thermal Imaging Sensor	
Measurement Modes	Point, Line, Area Measurement	
Emissivity	0.01~1.00 (default 0.95)	
Infrared Wavelength Range	8~14μm	
Pixel Size	17μm	12μm
Spatial Resolution	5.31mrad	3.43mrad
Focal Length	3.2mm	3.5mm
Frame Rate	25Hz	
Thermal Sensitivity	≤40mk	
Focusing Method	Fixed Focus	
Field of View (FOV)	50.0 (H) × 37.2° (V), 63.6° (D)	
Temperature Unit	℃/ℱ	
Temperature Display	Center Point, Max Temp, Min Temp (Custom 3 points, 3 lines, 3 areas)	
Level Adjustment	Manual	
High/Low Temperature Tracking	√	
High/Low Temperature Alarm	On-screen marker alarm, Audio alarm	
Color Palettes	15 (White Hot, Black Hot, Fusion, Red Hot1, Red Hot2, Iron Red1, Deep Blue, Color1, Color2, Water Blue, Rain, Gradient, Green, Deep Blue)	
Image Modes	Thermal Imaging, Picture-in-Picture	
Photo/Video Recording	√	
Image/Video Format	Image: JPEG/Video: MP4	
Product Interface	Type-C USB	
Supported Languages	Simplified Chinese, Traditional Chinese, English	
Supported Mobile Systems	Android	
Operating Temperature	-10℃~50℃	
Operating Humidity	10%~90%RH (Non-condensing)	
Storage Temperature	-20℃~60℃	
Power Consumption	≤0.41W	≤0.38W
Certifications	FCC, RoHS, CE	
Other Specification		
Product Dimensions	35.3mm×26×19.8mm	35.3mm×26×19.2mm
Product Weight	17g	15.6g
Standard Accessories	Color Box, Storage Bag, Dust-free cleaning Cloth, User Manual	



TP170



TP175

TI180/TI185

Handheld Infrared Thermal Imaging Camera

- -20 to 550°C Temperature Measurement Range: Three selectable temperature ranges.
- High-Resolution Imaging: 160x120/256x192 infrared resolution options are available.
- Three Switchable Temperature Units: °C/°F/K units can be switched
- Manual Flashlight Function: Auxiliary lighting, fearless in dark environments.
- Four Selectable Image Modes: Infrared/Visible Light/Fusion/Picture-in-Picture.
- 16GB Built-in Storage: One-click storage and export of data files for high work efficiency.
- Rechargeable Battery: Fast charging meets users' long-duration measurement needs.

Model	TI180	TI185
Temperature Range	-20~550℃	
Infrared Resolution	160×120	256×192
Measurement Accuracy	±2℃ or ±2% of reading (whichever is greater)	
Detector Type	VOx Uncooled Infrared Detector	
Measurement Modes	Industrial Temperature Measurement	
Emissivity	0.01~1.00 (default 0.95)	
Infrared Wavelength Range	8~14μm	
Pixel Size	17μm	12μm
Spatial Resolution	5.31mrad	3.43mrad
Focal Length	3.2mm	3.5mm
Frame Rate	25Hz	
Thermal Sensitivity	≤40mk (@25℃, F#1.0)	
Focusing Method	Fixed Focus	
Field of View (FOV)	50.0° × 37.2°	
Temperature Unit	℃/F/K	
Temperature Display	Displays 3 groups: point temperature, line/surface average temperature, max temperature, min temperature.	
Temperature Analysis	3 points, 3 lines, 3 areas (recommended in APP operation)	
Level Adjustment	Manual	
Center Point Temperature	√	
High/Low Temperature Tracking	√	
High/Low Temperature Alarm	On-screen marker alarm	
Color Palettes	White Hot, Black Hot, Rainbow, Iron Red, Red Heat, Fusion	
Image Modes	Infrared, Visible Light, Fusion, Picture-in-Picture	
Photo/Video Recording	√	
Image/Video Format	Image: JPEG/Video: MP4	
Data Interface	Type-C USB	
Supported Languages	Simplified Chinese, Traditional Chinese, English	
Supported Mobile Systems	Android 6.0 / iOS 12.0 and above	
Storage	16G	
Battery	Non-removable 18650 battery, 3200mAh	
Charging Time	≤4h	
Operating Time	≥6h	
Operating Temperature	-10℃~50℃	
Operating Humidity	10%~90%RH (Non-condensing)	
Storage Temperature	-20℃~60℃	
Power Consumption	<1.6W	
IP Rating	IP54	
Drop Resistance	2m	
Certifications	FCC, RoHS, CE	
Other Specification		
Product Dimensions	231mm×79.2×84.9mm	231mm×79.2×84.9mm
Product Weight	392g	392g
Standard Accessories	Color Box, Type-C data cable (1m), User Manual	
Optional Accessories	Close-up Lens (Model: YRI256-WJ)	



TI180



TI185

TI175

Handheld Infrared Thermal Imaging Camera

- -20 to 550°C Temperature Measurement Range: Three selectable temperature ranges.
- High-Resolution Imaging: 96x96 infrared resolution.
- 30W visible light: More accurate target recognition in complex environments.
- Manual Flashlight Function: Auxiliary lighting, fearless in dark environments.
- Multiple Selectable Color Palettes: Switch seamlessly across different scenarios.
- Four Selectable Image Modes: Infrared/Visible Light/Fusion/Picture-in-Picture.
- Supports multiple language interfaces: Meeting global users' needs and enhancing experience.
- Rechargeable Battery: Fast charging meets users' long-duration measurement needs.

Model	TI175
Temperature Range	-20~550°C
Infrared Resolution	96×96
Measurement Accuracy	±2°C or ±2% of reading (whichever is greater)
Measurement Sensitivity	0.1°C
Detector Type	VOx Uncooled Microbolometer
Measurement Modes	Industrial Temperature Measurement
Emissivity	0.01~1.00
Infrared Wavelength Range	8~14μm
Pixel Size	12μm
Spatial Resolution	8.89mrad
Focal Length	1.35mm
Frame Rate	25Hz
Thermal Sensitivity	≤60mk (@25°C, F#1.0)
Focusing Method	Fixed Focus
Field of View (FOV)	50° × 50°
Temperature Unit	°C/°F/K
Temperature Display	Center Point, Max Temp, Min Temp
Temperature Analysis	PC Analysis Tool
Isotherm Lines	√
Center Point Temperature	√
High/Low Temperature Tracking	√
High/Low Temperature Alarm	On-screen marker alarm
Color Palettes	White Hot, Black Hot, Rainbow, Iron Red, Fusion
Visible Light	30W
Image Modes	Infrared, Visible Light, Fusion, Picture-in-Picture
Image/Video Capture	√
Image/Video Format	Image: JPEG/Video: MP4
Flashlight	√
Data Interface	Type-C USB
Supported Languages	Simplified Chinese,Traditional Chinese, English, Russian,Japanese, German, French, Spanish, Italian, Korean, Polish (10+ languages)
Storage	SD Card / Expandable
Battery	Non-removable 3200mAh
Charging Time	≤4h
Operating Time	≥7h
Operating Temperature	-10°C~50°C
Operating Humidity	10%~90%RH (Non-condensing)
Storage Temperature	-20°C~60°C
Power Consumption	≤1.4W
Certifications	FCC, RoHS, CE
Other Specification	
Product Dimensions	231mm×79.2×84.9mm
Product Weight	303g
Standard Accessories	Color Box, Type-C data cable (1m), User Manual



TI175

TI165

Thermal imager

Specifications	TI165
Temperature Range	-20°C~1000°C
Accuracy	±2°C (±4°F) or 2.0%
Touch Panel	Resistive type Touch Panel
Keys	7 keys(Power, Up/Down/Left/Right, Menu, Measure)
Sensore	32×32 Thermal Array, Humidity Sensor, CMOS sensor
Internal Memory	1GB memory
External Memory	Up to 64 GB
USB Connection	Photo upload to pc,and USB charging battery
Battery Life	6 hrs
Auto Power-off Time	5 min
Resolution of Infrared Image	32×32(1024) pixel
Resolution of Visible Image	0.2 mega pixels
Field Angle/Shortest Focal Distance	33°×33°/0.1m
Thermal Sensitivity	0.15°C
Emissivity	0.1 ~ 1.0
Image Capturing Frequency	6Hz
Range of Wave Length	8~11.5um
Focal Distance	Fixed
Vision Option	5 variants
Image Format	BMP, JPG
Video Format	MP4
Blending Mode	Hue blending
Temperature Alert	High or Low Temperature Alert
Image & Video Recording	BMP/JPG (Image), MP4(Video)
Brightness	Adjustable Brightness
Auto Off Function	Adjustable Auto-off function
Operating Temperature Range	-10°C~40°C
Storage Temperature Range	-20°C~70°C
General Features	
Battery Type	3.7V 2500mAh Li-ion rechargeable battery
Display	2.8" color resistive type touch panel LCD display
Product Size	220×62×50 mm
Product Weight	227.2g
CTN Size	41x29.5x25cm
Q'ty/CTN	20pcs
NW/GW	11.5kg/12.5kg



TI165



Accessories

Model:A201 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK888D	0.1mm x 105 φ3.5mm 1190mm PVC CAT III 1500V CAT IV 1000V AV 10A
Model:A203 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK588,HK68,HK56, HK266	0.10(0.12)mm x 21(47) φ3.5mm 1000mm PVC CAT III 1000V AV 10A/20A
Model:A205 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK221	0.10mm x 30 φ3.0mm 700mm PVC CAT II 1000V AV 10A
Model:A206 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK688	0.1mm x 42 φ3.6mm 1130mm PVC CAT IV 600V AV10A
Model:A212 	Plug Color CAT rating Application:Hk888 Plug Color CAT rating	φ2.0x85.7mm Red&Black CAT III 1500V CAT IV 1000V φ4.0x87.5mm Red&Black CAT III 1000V CAT IV 600V
Model:A202 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK39,HK36,HK48	0.10mm x 24 φ3.5mm 880mm PVC CAT III 600V AV 10A
Model:A204 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:DT98,HK78,HK68/ HK56D,A4430	0.1mm x 65(72) φ3.6mm 1000mm PVC/UL758 CAT IV 600V AV 10A/20A
Model:A207 	Copper wire Test lead Standard Length Insulation material CAT rating Max Rated Current Application:HK39L,A60B	0.12mm x 47 φ3.0mm 300(900)mm PVC CAT III 1000V AV 5A
Model:K208 	Standard Length Test range Application:HK588,HK68,HK56, HK33,HK32,HK78	1000mm -40°C~260°C -40°F~500°F
Model:A211 		



Model:C505

Carrying case
Specifications
200x120x40mm
Model:HK98

Model:C501

Carrying case
Specifications
220x140x36mm
Model:HK588

Model:C502

Carrying case
Specifications
230x77x46mm
Model:HK788

Model:C503

Carrying case
Specifications
270x130x47mm
Model:HK688

Model:C504

Carrying case
Specifications
305x130x70mm
Model:HK888



Model:HK-01

Multifunctional adapter socket
Function:Adapter test of temperature and capacitance
Suitable product: HK68A/HK56/HK33



Model:HK-04

A:φ6 x 30mm.FF630mA/600V.VDE/UL
A:φ6 x 30mm.FF600mA/1000V.VDE/UL
A:φ6 x 30mm.FF10A/600V.VDE/UL
A:φ6 x 30mm.FF10A/1000V.VDE/UL



Model:HK-02

A:φ5 x 20mm.FF200mA/250V.VDE/UL
A:φ5 x 20mm.FF500mA/250V.VDE/UL
A:φ5 x 20mm.FF600mA/250V.VDE/UL
A:φ5 x 20mm.FF200mA/600V.VDE/UL
A:φ5 x 20mm.FF500mA/600V.VDE/UL
A:φ5 x 20mm.FF600mA/600V.VDE/UL
A:φ5 x 20mm.FF10A/250V.VDE/UL
A:φ5 x 20mm.FF10A/600V.VDE/UL