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 enthusi-asts. 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

2000V TRMS auto range digital multimeter

Specifications	HK78G	
	Range	Accuracy
DC Voltage	600mV	±(0.8 + 5d)
	6/60/600V	±(0.8% + 5d)
	1000V	±(1.0% + 2d)
	2000V	±(2.0% + 2d)
AC Voltage	600mV	±(1.2% + 5d)
	6/60/600V	±(0.8% + 5d)
	1000V	±(1.2% + 5d)
	2000V	±(2.0% + 5d)
DC Current	600u/6000u/60m/600mA	±(1.0% + 3d)
AC Current	600u/6000u/60m/600mA	±(1.5% + 5d)
	600A (by current clamp)	±(2.5% + 5d)
Resistance	600Ω	±(1.2% + 2d)
	6k/60k/600k/6MΩ	±(1.0% + 2d)
	60MΩ	±(2% + 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%	±(1.2% + 3d)
Temperature (°C)	-50°C~0°C	±4°C
	0°C~300°C	±(1.0% + 3d)
	300°C~1300°C	±(2.0% + 3d)
Temperature (°F)	-58°F~32°F	±6°F
	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)×2	
Display	60.5×36.5mm	
Product Size	185×88×54mm	
Product Weight	355g	
CTN Size	46×31×34.5cm	
Q'ty/CTN	20pcs	
NW/GW	12kg/13kg	

HK78G

Current Clamp Probe-Optional
Model:HK19A

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	

Digital Multimeters

HK78N/HK78BT

6,000 counts TRMS auto range digital multimeter

CE CAT III 1000V CAT IV 600V

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	66u/60m/600mA	±(2.5%+5d)	66u/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

CE CAT III 1000V

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+

Digital Multimeters

HK78A PRO/HK78B PRO

CE CAT III 1000V

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

CE CAT III 1000V

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

Digital Multimeters

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

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

HK88B Only HK88B Only

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)
DC Current	400u/4000u/40mA	±(1.0% + 5d)	600u/6000u/60mA	±(1.0% + 5d)
	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

CAT III 600V

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	±(0.8% + 5d)
AC Voltage	9.999/99.99/600.0V	±(1.0% + 5d)	600m/6/60V	±(1.0% + 3d)
			600V	±(1.2% + 5d)
DC Current	999.9u/9999u/ 9.999m/99.99mA	±(1.0% + 5d)	6/10A	±(1.0% + 5d)
	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	±(1.0% + 5d)
	9.999MΩ	±(1.2% + 8d)	60MΩ	±(1.2% + 8d)
	99.99MΩ	±(5.0% + 10d)		
Capacitance	10nF	±(4.0% + 25d)	60nF	±(4.0% + 25d)
	100n/1u/10u/100uF	±(4.0% + 15d)	600n/6u/60u/600uF	±(4.0% + 15d)
	1m/60mF	±(10% + 5d)	6m/60mF	±(10% + 5d)
Frequency	10/100/1k/10k/ 100k/1M/10MHz	±(0.5% + 4d)	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)
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		3V(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	

HK88C

HK88D

HK48A/HK48C

2,000 counts auto range digital multimeter

CAT III 600V

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	51.5×29×40mm		51.5×29×40mm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	19.1kg/20.6kg		19.1kg/20.6kg	

HK48A

HK48C

Digital Multimeters

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	51.5×29×40mm		51.5×29×40mm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	19.1kg/20.6kg		19.1kg/20.6kg	

HK36A+

HK48D

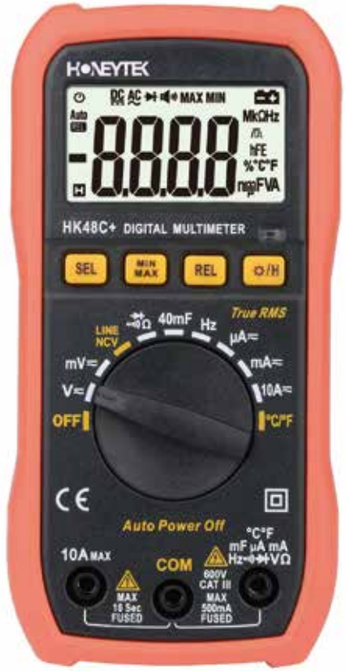
HK48A+/HK48C+

4,000 counts TRMS auto range digital multimeter

HK48A+ Only HK48A+ Only

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	51.5×29×40mm		51.5×29×40mm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	19.1kg/20.6kg		19.1kg/20.6kg	

HK48A+



HK48C+

Digital Multimeters

HK36A/HK36T

2,000 counts manual range digital multimeter

HK36T Only HK36T Only

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	51.5×29×40mm		51.5×29×40mm	
Q'ty/CTN	40pcs		40pcs	
NW/GW	19.1kg/20.6kg		19.1kg/20.6kg	

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	49.5×31×36mm		49.5×31×36mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	

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	49.5×31×36mm		49.5×31×36mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	20.5kg/21.5kg		20.5kg/21.5kg	

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	49.5×31×46.5mm		49.5×31×46.5mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	19.5kg/20.5kg		19.5kg/20.5kg	

HK32

HK32A

HK32B/HK32T

2,000 counts palm size manual range multimeter

HK32T Only HK32T Only

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	49.5×31×46.5mm		49.5×31×46.5mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	19.5kg/20.5kg		19.5kg/20.5kg	

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	47×31.5×34.7mm		47×31.5×34.7mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	19.5kg/20.5kg		19.5kg/20.5kg	

HK39A

HK39C

HK39D/HK39F

CE FC Intertek 5021823 CAT III 600V

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	47×31.5×34.7mm		47×31.5×34.7mm	
Q'ty/CTN	60pcs		60pcs	
NW/GW	19.5kg/20.5kg		19.5kg/20.5kg	

HK39D

HK39F

CModel:HK19Aurrent Clamp Probe-Optional CE

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

CE FC Intertek 5021823 CAT III 600V

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	47×31.5×34.7mm		47×31.5×34.7mm		47×31.5×34.7mm	
Q'ty/CTN	60pcs		60pcs		60pcs	
NW/GW	19.5kg/20.5kg		19.5kg/20.5kg		19.5kg/20.5kg	

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	47×31.5×34.7mm	
Q'ty/CTN	60pcs	
NW/GW	19.5kg/20.5kg	

HK39B

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	119×65×30cm		119×65×30cm	
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	119×65×30cm		119×65×30cm	
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	125×75×20cm		155×112×51cm	
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

Digital Multimeters

A880L/HK880L

CAT III 300V CAT II 500V

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	115×65×30cm		115×65×30cm	
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

CAT III 600V

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	40x22mm		40x22mm	
Product Size	140x70.6x31cm		140x70.6x31cm	
Product Weight	200g		200g	
CTN Size	53x34x47.5cm		53x34x47.5cm	
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	143×73×34.5cm		143×73×34.5cm	
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	160×80×45cm		176×82×39cm	
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

Digital Multimeters