

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 tape 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.



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

Laser distance meter



LDM-40



LDM-60



LDM-80



LDM-100

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 Measurement	●	●	●	●
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.

