

DM40 - iDM70 PROFESSIONAL DIGITAL LASER METERS

DM40 and iDM70 are designed to measure distances between two points in a simple, fast and efficient way thanks to the integrated laser pointer and small size which make it a completely portable tool for use in every situation and in any application (buildings, electricity sector, hobbies, etc...) where it may be necessary to perform a measure of linear length. The tool also allows to perform calculations of areas and volumes and the indirect measure of heights by using the principle of mathematical theorem of Pythagoras. iDM70 is also equipped with a small bubble level air for a perfect alignment of objects in the test and a dedicated APP can be downloaded on both iOS and Android devices in way to can use the result of the measurements on each kind of practical situations. The management of simple operations with the internal memory (sums and subtractions) and a backlight display complete the features available for the instrument.

FUNCTIONS	DM40	iDM70
Resolution of measurement: 0.001m	•(up to 40m)	•(up to 70m)
Areas and Volumes calculation	•	•
Heights measure with Pythagoras method	•	•
Continuous (dynamic) measurements	•	•
Laser pointer activation on measurements	•	•
Setting of measurement reference	•	•
Selection of m or ft measurement units	•	•
Management operation with internal memory	•	•
Hole for use of tripod	•	•
High contrast backlight multi display	•(3 LCD)	•(4 LCD)
Integrated bubble level air		•
Tilt angle measurement		•
Timer on measurement		•
Bluetooth connection		•
iOP/Android HTLaserMeter APP for applications		•
Buzzer activation on keys		•
AutoPowerOFF	•	•

GENERAL SPECIFICATIONS	
Display:	Triple LCD, 5dgt with backlight (<i>DM40</i>) Quadruple LCD, 5 digits with backlight (<i>iDM70</i>)
Power supply:	2x1.5V alkaline type AAA (<i>DM40</i>) 2x1.5V alkaline type AA (<i>iDM70</i>)
Battery life:	up to 5000 test (<i>DM40</i>) up to 8000 test (<i>iDM70</i>)
Laser pointer:	650nm, Class II, <1mW
Working temperature:	0°C ÷ 40°C
Auto Power OFF:	30s (laser), 180s (instrument)
Mechanical protection:	IP54
Reference standards:	EMC, IEC/EN60825-1
Dimensions (LxWxH):	110x48x28mm (<i>DM40</i>) 135x53x30mm (<i>iDM70</i>)
Weight (batteries included):	135g (<i>DM40</i>) 160g (<i>iDM70</i>)

ACCESSORIES	
Standard	
Soft carrying bag	
Batteries	
Wrist strap (<i>DM40</i>)	
User manual	
User manual HTLaserMeter APP (<i>iDM70</i>)	

NEW



DM40
HA004000

NEW



iDM70
HA000700

1. TECHNICAL SPECIFICATIONS

DISTANCE MEASUREMENT

Range [m] (*)	Resolution [m]	Accuracy (**)
0.05 ÷ 70	0.001	±1.5mm

(*) Measuring range and accuracy depend on the correct reflection of the laser beam from the surface of the object to the instrument's sensor and on the brightness of the environment in which tests are performed.

(**) Under favourable conditions (optimum object surface, room temperature). Under unfavourable conditions (intense sunshine, poor reflective properties of the object, high variations in temperature) the resolution in measurements >10m may be higher by ±0.15mm/m (±0.0018in/ft)

2. GENERAL SPECIFICATIONS

Mechanical specifications

Sizes (L x W x H):	135 x 53 x 30mm
Weight (included battery):	160g

General specifications

Tilt angle range:	±65° (lateral tilt <±10°)
Timer on measurement:	max 60s
Bluetooth connection:	3.0 EDR, max 10m
Laser Finder APP compliance:	iOS/Android devices

Power supply

Internal supply:	2x1.5V batteries alkaline type AA LR06
Battery life:	> 8000 measurements
Auto Power OFF:	180s (meter) ; 30s (laser pointer)
Laser pointer:	class 2 according to IEC/EN60825-1
Mechanical protection:	IP54

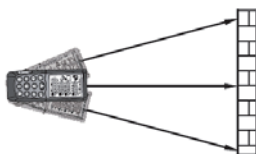
Display

Features:	quadruple LCD, 5 dgt with backlight
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Environmental conditions

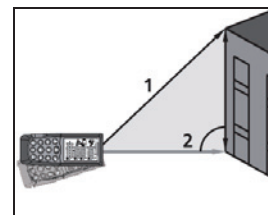
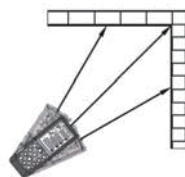
Working temperature:	0 ÷ 40 °C
Storage temperature:	-10 ÷ 60°C

MIN

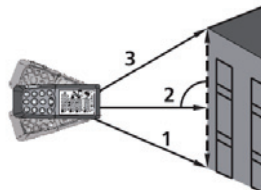


Continue measurement (dynamic)

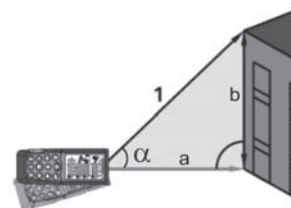
MAX



Indirect measurement (2 points)



Indirect measurement (3 points)



Tilt angle and distance measurement

This product conforms to the prescriptions of the European EMC directive 2004/108/EEC