

## 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	
<b>Standard</b>	
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 ÷ 40	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):	110 x 48 x 28mm
Weight (included battery):	135g

### Power supply

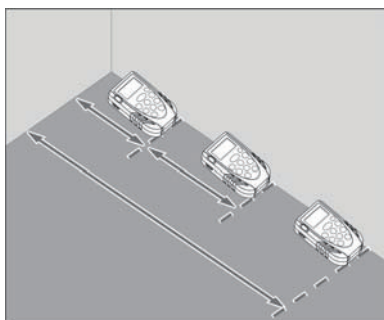
Internal supply:	2x1.5V batteries alkaline type AAA LR03
Battery life:	> 5000 measurements
Auto Power OFF:	180s (meter) ; 30s (laser pointer)
Laser pointer:	class 2 according to IEC/EN60825-1

### Display

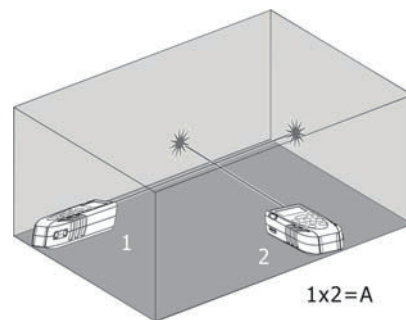
Features:	triple LCD, 5 dgt with backlight
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### Environmental conditions

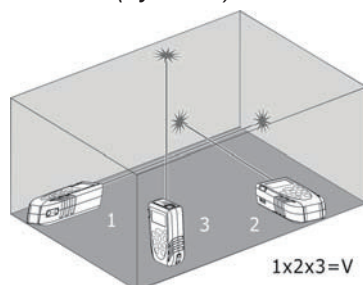
Working temperature:	0 ÷ 40 °C
Storage temperature:	-10 ÷ 60°C



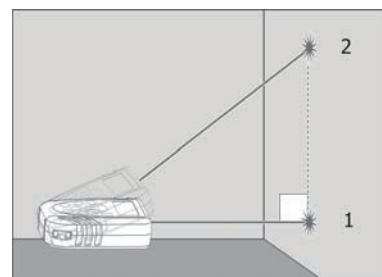
Continuous (dynamic) measurement



Area measurement



Volume measurement



Indirect height measurement (Pythagorean)

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