

DM40

Rel. 1.01 of 13/02/18

Digital laser meter

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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 ± 0.15 mm/m (± 0.0018 in/ft)

110 x 46 x 28mm

100g

IP54

2. GENERAL SPECIFICATIONS

Mechanical specifications

Sizes (L x W x H): Weight (included battery): Mechanical protection:

Power supply

Internal supply: Battery life: Auto Power OFF: Laser pointer: 2x1.5V batteries alkaline type AAA LR03 max 4000 measurements 180s (meter) ; 30s (laser pointer) class 2 according to IEC/EN60825-1

Display

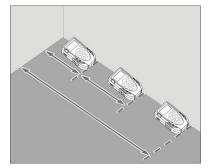
Features:

triple LCD, 5 dgt with backlight

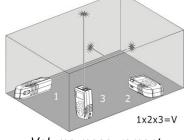
Environmental conditions

Working temperature: Storage temperature:

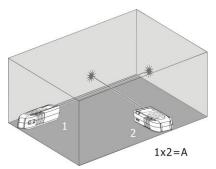
-10°C ÷ 50°C -20°C ÷ 60°C



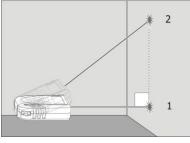
Continuous (dynamic) measurement



Volume measurement



Area measurement



Indirect height measurement (Pythagorean)

This product conforms to the prescriptions of the European EMC directive 2014/30/EU