

1. TECHNICAL SPECIFICATIONS

DISTANCE MEASUREMENT

Range [m] (*)	Resolution [m]	Accuracy (**) $\pm 1.5\text{mm}$
0.05 ÷ 40	0.001	

(*) 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 $\pm 0.15\text{mm/m}$ ($\pm 0.0018\text{in/ft}$)

2. GENERAL SPECIFICATIONS

Mechanical specifications

Sizes (L x W x H): 110 x 48 x 28mm
Weight (included battery): 135g

Power supply

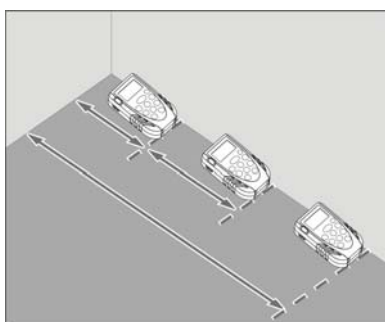
Internal supply: 2x1.5V batteries alkaline type AAA LR03
Battery life: > 5000 measurements
Auto Power OFF: 180s (meter) ; 30s (laser pointer)
Laser pointer: class 2 according to IEC/EN60825-1

Display

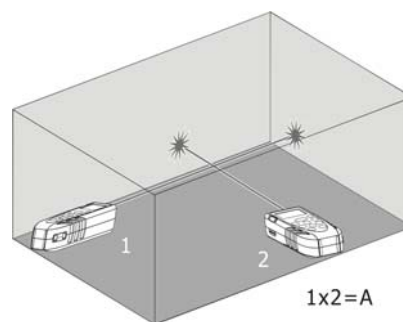
Features: triple LCD, 5 dgt with backlight

Environmental conditions

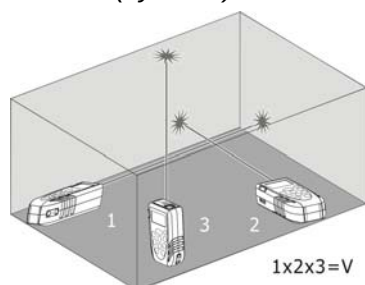
Working temperature: 0 ÷ 40 °C
Storage temperature: -10 ÷ 60°C



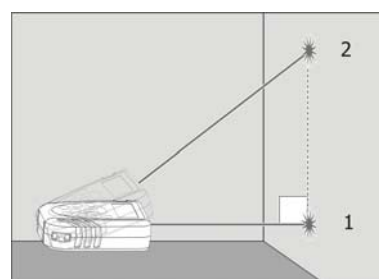
Continuous (dynamic) measurement



Area measurement



Volume measurement



Indirect height measurement (Pythagorean)

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