

1. TECHNICAL SPECIFICATIONS

DISTANCE MEASUREMENT

Range [m]	Resolution [m]	Accuracy (*)	Response time
0.2 ÷ 50	0.001	±2mm (typical)	0.5s

(*) Measurement range and accuracy are depending on how well the laser light is reflected from the surface of the target and with increased brightness of the laser point to the environmental light intensity. An unfavourable condition will shorten operation range by about 10mm error

2. GENERAL SPECIFICATIONS

Mechanical specifications

Size: 105(L) x 61(W) x 32(H)mm ; 4(L) x 2(W) x 1(H)"
 Weight (included battery): 140g (0.3lb)

Power supply

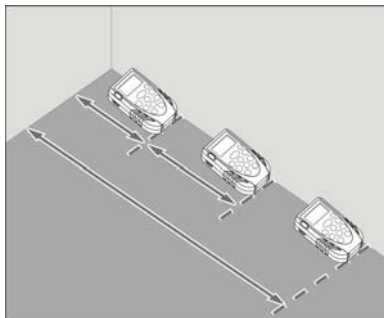
Internal supply: 1x9V battery alkaline type IEC 6F22
 Battery life: > 5000 measurements
 AutoPowerOFF: 180s (meter) ; 30s (laser pointer)
 Laser pointer: class 2 according to EN60825-1

Display

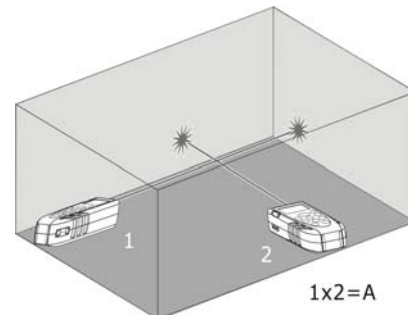
Features: double LCD, 5 dgt with backlight

Environmental conditions

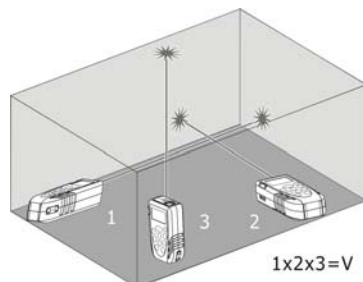
Working temperature: 0 ÷ 40 °C
 Storage temperature: -20 ÷ 40°C



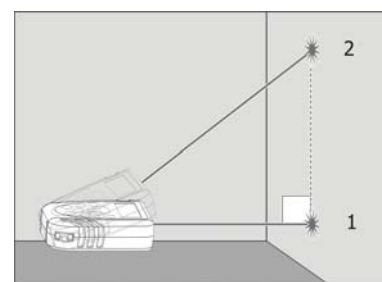
Continuous (dynamic) measurement



Area measurement



Volume measurement



Indirect height measurement (Pythagorean)

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