

Laser Distance Meter Model R8010



TECHNICAL DATA



Features

- Designed for one-handed operation
- User selectable unit of measure (imperial/metric)
- Laser target pointer
- Reference point selection (front or rear of instrument)
- Backlit multi-line LCD display
- · Calculates Area, Volume and Sum of Lengths
- Addition, Subtraction and indirect 2/3 point (Pythagoras) calculations
- Max/Min functions
- Continuous measurement mode
- Internal memory saves up to 20 readings
- Dust and splash-proof (IP54)
- Low battery indicator and auto shut off
- Includes soft carrying case, wrist strap, screwdriver and batteries

Specifications

Measuring Range: 1.92" to 328' (5 cm to 100 m)
Accuracy: ±0.0018 in/ft (±0.15 mm/m)

The standard level of uncertainty up to 10m is +/-1.5mm. After 10m, environmental factors can lead to the accuracy increasing by +/- 0.15mm every meter.

Meters, Inches, Feet

Measuring Units: Laser

Sensor Type: 630 to 670nm, <1mW

Laser Type: LCD (Multi-Line)

Display: Yes

Backlit Display: Yes (Front/Back)
Start Point Selection: 2 (Single/Continuous)

Reading Mode:

Maximum and Yes

Minimum Functions: Addition, Subtraction, Area, Calculation Functions: Volume, Sum of Lengths,

2 Point Indirect (pythagoras), 3

Point Indirect

Yes (Up to 20 Readings)

Internal Memory: 2 seconds

Response Time: Yes (after 3 mins)

Auto Shut-Off: Yes

Low Battery Indicator: 2 "AAA" Batteries

Power Supply: Up to 4,000 Measurements

Battery Life: Class II

Laser Class: CE, RoHS, IP54

Product Certifications: 14 to 122°F (-10 to 50°C)

Operating Temperature: -4 to 140°F (-20 to 60°C)

Storage Temperature:

Operating Humidity Range: <95% RH
Dimensions: 4.5 x 1.9 x 1.1"

(110 x 46 x 28 mm)

Weight: 3.5 oz (100 g)

Model	Description
R8010	Laser Distance Meter
R8010-NIST	Laser Distance Meter & NIST