

### 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.
Measuring Units:	Meters, Inches, Feet
Sensor Type:	Laser
Laser Type:	630 to 670nm, <1mW
Display:	LCD (Multi-Line)
Backlit Display:	Yes
Start Point Selection:	Yes (Front/Back)
Reading Mode:	2 (Single/Continuous)
Maximum and Minimum Functions:	Yes
Calculation Functions:	Addition, Subtraction, Area, Volume, Sum of Lengths, 2 Point Indirect (pythagoras), 3 Point Indirect
Internal Memory:	Yes (Up to 20 Readings)
Response Time:	2 seconds
Auto Shut-Off:	Yes (after 3 mins)
Low Battery Indicator:	Yes
Power Supply:	2 "AAA" Batteries
Battery Life:	Up to 4,000 Measurements
Laser Class:	Class II
Product Certifications:	CE, RoHS, IP54
Operating Temperature:	14 to 122°F (-10 to 50°C)
Storage Temperature:	-4 to 140°F (-20 to 60°C)
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