



The R7010 measures velocity, acceleration, and displacement, the R7010 offers versatile vibration analysis with a 360° rotating color display and interchangeable probes for various applications.

Features

- Measures velocity, acceleration and displacement to determine vibration level
- 360° screen rotation allows users to view measured readings from any angle
- Easy-to-read color LCD display
- Built-in LED flashlight
- Rechargeable li-ion battery
- Interchangeable short and long probes to meet application requirements
- Low battery indication and auto-shut off
- Includes long probe, short probe, USB cable, and carrying case

Specifications

Acceleration

Measuring Range: 0.1 to 199.9mm/s
 Resolution: 0.1m/s²
 Accuracy: ±(5% rdg. + 2dgt)
 Frequency Range: LO: 10Hz - 1kHz
 HI: 1kHz - 15kHz

Velocity

Measuring Range: 0.1 to 199.9mm/s
 Resolution: 0.1mm/s
 Accuracy: ±(5% rdg. + 2dgt)
 Frequency Range: 10Hz - 1.5kHz

Displacement

Measuring Range: 0.001 to 1.999mm
 Resolution: 0.001mm
 Accuracy: ±(10% rdg. + 2dgt)
 Frequency Range: 10Hz - 1kHz

General Specifications

Response Time: 1 sec
 Display: 2.4" TFT Color LCD
 Backlit Display: Yes
 Rotatable Screen: Yes
 Data Hold: Yes
 Auto Shut-off: Yes (after 5mins)
 Low Battery Indicator: Yes
 Power Supply: 1350mAh/3.7V rechargeable Li-ion battery
 Battery Life: Approx. 12 hours
 Charging System: In Meter
 Charge Time: Approx. 3 hours
 Product Certifications: CE, UKCA, ROHS
 Operating Temperature: 14 to 122°F (-10 to 50°C)
 Storage Temperature: -4 to 140°F (-20 to 60°C)
 Operating Humidity Range: 10-90%
 Storage Temperature: -4 to 140°F (-20 to 60°C)
 Operating Humidity Range: 10-90%
 Dimensions: 7.1 x 2.5 x 1.1" (180 x 64 x 28mm)
 Weight: 6.7oz (191g)

Model	Description
R7010	Vibration Meter
R7010-RTIP	Replacement Vibration Probes
CA-52A	Soft Carrying Case
R9940	Hard Shell Carrying Case