



Spotcheck

This table outlines the technical specifications for Spotcheck.

Specifications	Spotcheck Device	Remarks
Sensors Sensor input Sensor Vibration	1 channel Accelerometer Acceleration 0 to 20 g Peak, 10 Hz to 12 kHz Velocity 0 to 200 mm/s RMS, 10 Hz to 1000 Hz Displacement 0 to 2000 µm Pk-Pk, 10 Hz to 1000 Hz BG 0 to 20 g RMS, 1000 Hz to 12 kHz BV 0 to 200 mm/s RMS, 1000 Hz to 12 kHz	BNC 100 mV/g IEPE/ICP© type. Top exit. Integrated 80 cm cable.
Measurement Features Accuracy Alarms Temperature	± 5% Automatic Velocity Alarm Check Automatic Bearing Alarm Check -20 °C to 120 °C (-4 °F to 248 °F)	ISO 10816-3 BG and BV (proprietary) Accuracy ± 2 °C. Built in IR sensor with laser pointer
Display & Communications Display Resolution Viewing area	Monochromatic LCD 128 x 64 pixels 30 mm x 16 mm (1.2" x 0.6")	LED backlit
Laser Type Frequency Class Power	Compact laser diode 650 nm 2 1 mW (max)	Red IEC60825-1:1993+A1:1997+A2:2001 compliant
Battery & Charger Battery type Operating time Charger type Charge rate Charge time	Custom Lithium Ion pack 3.6 V, 1700 mAh >48 hours Internal charging, automatic control 600 mA nominal 3 hours	Rechargeable, user-replaceable External Power pack 12 V DC, 3 A output, included in kit For complete charge
Mechanical Size Weight	116 mm x 78 mm x 24 mm (4.6" x 3" x 0.9") 230 g (0.5 lb)	128 mm (5") including BNC connector Including battery, sensor and cable
Environment Operating temp Storage temperature Sealing Certification	-10 °C to 50 °C (14 °F to 122 °F) -20 °C to 60 °C (-4 °F to 140 °F) IP64 CE	Non-condensing atmosphere only Dust tight, splashed water