



## TECHNICAL DATA

### Test Measurement & Diagnostic Equipment

#### On-Site Sensor Testing & Product Validation



Proximity probe adapter

#### Features

- High-resolution color display
- Powerful shaker exciter that incorporates a robust suspension system design that allows the unit to operate in the vertical and horizontal axis
- NIST traceable calibration documentation
- Integrated design with optional sensor signal conditioners, Voltage, PR, PE, IEPE, 4 to 20mA...
- Intelligent built-in automatic sensor test verification and diagnostics
- Vibration data exchange via USB or Ethernet
- USB flash drive with report generation worksheet
- Optional device-under-test (DUT) accessories, e.g. 5mm/8mm proximity probe adapter
- Rugged case for daily on-site operation

#### Specifications

Frequency range	5 Hz...10 kHz (300...600 000 CPM)	
Velocity, max. (sine peak)	700 mm/s (27 in/s)	
Acceleration, max. (sine peak)	200 m/s <sup>2</sup> (20.39 g <sub>r</sub> )	
Displacement, max. (peak - peak)	5 mm (196 mils)	
Temperature range (for operation)	0 °C...+50 °C (32 °F...122 °F)	
Payload, max.	900 g (31.7 oz)	
Measurement Uncertainty <small>(for accelerometer calibration and vibration generation)</small>	5 Hz to 1 kHz 1 kHz to 5 kHz 5 kHz to 10 kHz	1.5 % <sup>1)</sup> (2.0 %) <sup>2)</sup> 1.5 % <sup>1)</sup> (3.0 %) <sup>2)</sup> 3.5 % <sup>1)</sup> (6.0 %) <sup>2)</sup>
Harmonic distortion	< 1 % (> 100 Hz)	
Transverse motion	according to ISO 16063-21	
Power supply	100VAC or 240VAC 50 Hz or 60 Hz	
Rechargeable Battery	Sealed rechargeable battery with typical operation of up to 10 hours; 100 g payload, 1 g, pk amplitude @ 100 Hz setting	
Total weight	9 kg (19.8 lbs.)	
Dimensions (H x W x D)	170 mm x 350 mm x 300 mm (6.7 in x 13.8 in x 11.8 in)	