Vibration Meter/Datalogger

Saves data on an SD card in Excel® format
For easy transfer to a PC for analysis

Features:
- Remote vibration sensor with magnetic adapter on 47.2” (1.2m) cable
- Wide frequency range of 10Hz to 1kHz
- Basic accuracy of ±(5% + 2 digits); Meets ISO2954
- RMS, Peak Value or Max Hold measurement modes
- Adjustable data sampling rate: 1 to 3600 seconds
- Datalogger date/time stamps and stores readings on an SD card in Excel® format for easy transfer to a PC
- Offset adjustment used for zero function to make relative measurements
- Large backlit LCD
- Stores 99 readings manually and 20M readings via SD card
- Record/Recall MIN, MAX readings
- Data Hold plus Auto power off with disable function
- Complete with remote sensor, magnetic mount, 6 x AA batteries, SD card, and hard carrying case

Test vibration levels on motors, bearings, fans, pumps, rotating machinery, and more.

Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Acceleration</td>
<td>656ft/s², 200m/s², 20.39g</td>
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<tr>
<td>Velocity</td>
<td>7.87in/s, 200mm/s, 19.99cm/s</td>
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<tr>
<td>Displacement</td>
<td>0.078in, 2mm (peak-to-peak)</td>
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<tr>
<td>Resolution</td>
<td>1ft/s², 0.1m/s², 0.01g, 0.01in/s, 0.1mm/s, 0.01cm/s, 0.001in, 0.001mm</td>
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<tr>
<td>Basic accuracy</td>
<td>±(5%+2 digits)</td>
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<tr>
<td>Memory</td>
<td>20M data records using 2G SD card</td>
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<tr>
<td>Dimensions</td>
<td>7.2 x 2.9 x 1.9” (182 x 73 x 47.5mm)</td>
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<tr>
<td>Weight</td>
<td>21.1oz (599g)</td>
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</tbody>
</table>

Ordering Information:
SDL800 .............Vibration Meter/Datalogger
407860-MAG ......Replacement Sensor Magnet Adapter
153117 .............117V AC Adaptor
UA100-240 ..........100-240V AC Adaptor w/4 plugs (US, EU, UK, AU)

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