REOVIB SWM4000

Handheld measuring instrument for vibratory conveyor equipment

Reliable and accurate instrument for the installation, testing and servicing of vibratory conveyor equipment. This unit supersedes REO’s popular SMW3000 unit and incorporates many new features.

When combined with an appropriate accelerometer, the unit displays, acceleration, speed, vibration amplitude and frequency. It can store **upto 40 instantaneous values** and transfer these as an .XLS file to a PC via **USB connection**.

The language may be set to allow worldwide use and the **screen is backlit** to allow easy viewing in all ambient conditions. The unit is housed within a **robust rubber casing** and the **integrated lithium-ion battery**, can be charged easily via a USB interface to allow versatile operation.

Optimization of the design, display and internal battery, means that the unit is faster, more reliable and yet is smaller and more convenient to use.

The **REOVIB SMW4000** instrument is supplied with a comprehensive list of accessories, consisting of USB cable and charger (traveler), protective cover, 100mV/g accelerometer, sensor mounting bracket and sturdy carry case.

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**Technical data**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Supply</td>
<td>USB power supply and battery charger, 115/230V, 50/60 Hz</td>
</tr>
<tr>
<td>Effective value input</td>
<td>Sensor 10 / 100 / 500 mV/g +/-20% difference adjustment</td>
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<tr>
<td>Frequency</td>
<td>6...600Hz</td>
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<tr>
<td>Deflection</td>
<td>0...30mm</td>
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<tr>
<td>Measuring range</td>
<td>0,2...150g</td>
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<tr>
<td>Measuring error</td>
<td>1,5%</td>
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<tr>
<td>Enclosure protection</td>
<td>IP 40</td>
</tr>
<tr>
<td>Dimensions (HxWxD)</td>
<td>81 x 159,5 x 35 mm</td>
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</tbody>
</table>

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**Product Highlights**
- Portable
- Multiline Display
- Dynamic Measurements
- USB charging and data export
- Store 40 measurements
- Read-out via USB
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