REVERBERATION TIME MEASUREMENTS

The BAS006 is an innovative device used to create impulsive noise that includes low frequency energy and avoids problems like secondary bounce. These characteristics make it a great choice for quickly measuring reverberation time when the complexity and weight of a speaker and amplifier is not needed.

Use the BAS006 with a Larson Davis sound level meter to automatically detect the impulse and perform the ensemble averaging so you can measure decay times quickly with full results right on the meter.

Data can then be imported from the Larson Davis sound level meter into DNA Software for full analysis and reporting capability.

MODEL BAS006

IMPULSIVE NOISE SOURCE

- Use for ISO 10140, ISO 140, DIN 52210, and BS 5821 Measurements
- Maintenance Free Design
- Simple, Easy-to-Use

TYPICAL APPLICATIONS

- Measuring reverberation time
- Building acoustics
- Room acoustics
Specifications

<table>
<thead>
<tr>
<th>Model Number</th>
<th>BAS006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acoustic (Typical)</td>
<td></td>
</tr>
<tr>
<td>Peak Sound Pressure</td>
<td>100 - 120 dB re 20 µPa</td>
</tr>
<tr>
<td>Hearing Protection</td>
<td>Required during use</td>
</tr>
<tr>
<td>Repeatability</td>
<td>Good with minimal practice</td>
</tr>
<tr>
<td>Mechanical</td>
<td></td>
</tr>
<tr>
<td>Size (H x W x L)</td>
<td>24 x 8 x 5 in (61 x 20 x 8 cm)</td>
</tr>
<tr>
<td>Weight</td>
<td>11.4 lb (5.2 kg)</td>
</tr>
</tbody>
</table>

Related Products

- **831-RI**: Model 831 Sound Level Meter
- **831-RT**: Reverberation Time Option for Model 831
- **BAS001**: Omnidirectional Sound Source
- **BAS002E/U**: Lightweight Amplifier for BAS001 and BAS003
- **BAS003**: Directional Source
- **BAS004**: Tapping Machine
- **TRP023**: Heavy Duty Tripod for BAS001 or BAS003
- **SWW-DNA-BA**: DNA Software option for Building Acoustics

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**BAS006 Spectra (typical)**

Larson Davis offers a full line of noise and vibration measurement instrumentation such as Class 1 and 2 sound level meters, outdoor noise monitoring systems, personal noise dosimeters, human vibration meters, audiometric calibration systems, microphones and preamplifiers, and data analysis software. Instrumentation is used in community and environmental noise monitoring, measurement of building acoustics, managing worker exposure to noise and vibration, and various automotive, aerospace, and industrial applications. Larson Davis is a division of PCB Piezotronics, Inc., a wholly owned subsidiary of MTS Systems Corporations.

MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), vastly expanded its range of products and solutions after MTS acquired PCB Piezotronics, Inc. in July, 2016. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corp.; IMI Sensors and Larson Davis are divisions of PCB Piezotronics, Inc.; Accumetrics, Inc. and The Modal Shop, Inc. are subsidiaries of PCB Piezotronics, Inc.