

Digital Sound Level Meter Calibrator



Class 2 Sound Level Meters

The AutoTest Digital Sound Level Meter Calibrator is a portable, battery-operated device designed to quickly and accurately calibrate Class 2 sound level meters in the field. Generating a stable reference sound signal, it provides a simple and reliable solution for routine calibration checks across automotive, occupational, industrial and environmental noise measurement applications.

Compliant with:

- All Australian state and territory regulations
- MOT approved and connected
- IEC 60942:2003 Class 2

Why Choose The AutoTest Digital Sound Level Meter Calibrator

- Generates a stable reference signal for accurate calibration checks
- Compatible with ½-inch microphone sound level meters
- Compact, lightweight and battery-operated design
- Complies with IEC 60942:2003 Class 2 requirements
- Ideal for field, workshop and environmental noise monitoring applications
- Backed by local support, calibration and service



Learn More About
The AutoTest Digital
Sound Level Meter
Calibrator



Calibration in 3 Easy Steps

- 1 Connect the Calibrator**
Insert the sound level meter microphone into the calibrator cavity.
- 2 Generate the Reference Signal**
Switch on the calibrator and allow the output signal to stabilise.
- 3 Verify the Reading**
Check the displayed sound level against the reference value and adjust the meter if required.

**AUTO
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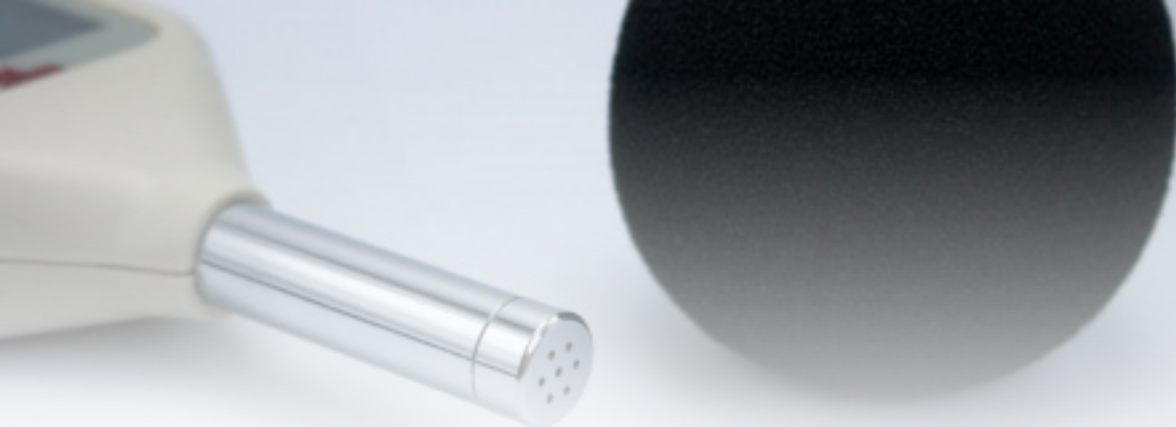
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Calibration interval: 12 months

Warranty: 12 months

Note: Outer appearance and specifications are subject to change without prior notice





Product Specifications

Calibration Performance

- **Generated sound pressure level:** 94dB ± 0.5 dB
- **Generated frequency:** 1000Hz $\pm 1\%$
- **Method:** Dynamic speaker
- **Applicable microphone:** 1/2-inch microphone

Performance Characteristics

- **Output stabilising time:** 15 seconds or less after microphone is inserted
- **Distortion rate:** 0.5% or less

Power

- **Power supply:** 9V PP3 battery x 1
- **Battery life:** Approximately 20 hours continuous operation (when using PP3 type dry cell batteries at 25°C)

Physical Characteristics

- **Dimensions:** 60mm (H) $\times$ 100mm (D)
- **Weight:** Approximately 200g

Operating Conditions

- **Operating temperature:** -10°C to +50°C
- **Storage temperature:** -20°C to +60°C not including the battery
- **Operating humidity:** 25% to 90% RH with no condensation
- **Storage humidity:** 10% to 90% RH with no condensation

