BAS003 Directional Source
Directional (Façade) Sound Source for Reverberation Time and Building Acoustics Measurements

Highlights
- Used for ISO 140-4, ISO 3382, DIN55210, ASTM E90, E336, E2235 compliant measurements
- High sound power level output
- Acoustically Isotropic Source
- Available lightweight & compact amplifier (BAS002E/U)

Applications
- Architectural Acoustics: In-situ Façade Measurements
- Building Acoustic Measurements
- Sound Insulation
- Evaluation of the Acoustic Indexes for the Transmission Loss of Façade Elements

The BAS003 Source is designed to generate homogeneous sound fields using random noise in compliance with the following standards: architectural acoustics (ISO 3382, ASTM E2235), building acoustics (insertion loss, acoustic absorption area, etc: ISO 140-4/5, DIN 55210). The BAS003 is typically used to saturate a room with a uniform acoustic field. The available high-efficiency power amplifier has no fan for cooling, allowing measurements in quiet environments, like those in reverberation time applications.
For environmental noise monitoring and building acoustics, Larson Davis offers a full line of instruments, accessories and software. For personal noise and vibration exposure monitoring, Larson Davis complements this with sound level meters, personal noise dosimeters, human vibration meters, audiometric calibration systems and hearing conservation programs.

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