



Tapping Machine – Model BAS004

Impact Noise Excitation for Sound Insulation Measurement in Buildings

Highlights

- Use for ISO 10140, ISO 140, DIN 52210, BS 5821, ASTM E 492 Measurements
- Maintenance Free Design
- PTB Type Approved
- Battery Operated
- Remote Control Included

Applications

- Building Acoustics
- Measuring Impact Sound Level
- Measuring Airborne Sound Insulation
- Measuring Sound Transmission Loss



Model BAS004



The BAS004¹ is used to simulate foot fall noise in a manner that is well controlled and reproducible so that measured results can be replicated and compared with other measurements.

Unique to the BAS004 is an innovative method for raising the five “hammers” using an electromagnetic field rather than the traditional motor, gears and cam. This eliminates unwanted vibration and maintenance associated with a motor, gears and cam while producing better measurements with a virtually maintenance free product.

The BAS004 also features a stiff internal frame to keep the product rigid and structurally stable. It also incorporates feet that rotate underneath in order to make it smaller for transportation and packaging.

Combine the BAS004 with the other Larson Davis products for building acoustics to create your measuring solution. Backed by our excellent technical support and our service and calibration facilities, the BAS004 makes an excellent choice for your tapping machine needs.

¹ Product manufactured by Lookline srl, Italy



Tapping Machine – Model BAS004

Specifications

Model Number	BAS004
Impact Frequency	10 Hz ± 0.01%
Impact Speed	0.886 m/s ± 3%
Operating Temperature	14 to 104 °F (-10 to 40 °C)

Power

Mode	AC or DC, switch selectable
AC	115 V or 230 V, switch selectable
DC	25 V, 5 A
Battery	NiMH
Battery Runtime	50 minutes, operational

Mechanical

Size (H x W x L)	9.8 x 4.7 x 21.6 in. (25 x 12 x 55 cm)
Weight	26.5 lbs. (12 kg)

Compliance

PTB	PTB-1 .71-4040653
CE	
ROHS	

Supplied Accessories

BAS004-BAT	Battery Pack
BAS004-REM	Programmable Remote Control
	Soft Shell Transportation Case

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
BAS006	Impulsive Noise Source
TRP023	Heavy Duty Tripod for BAS001 or BAS003
SWW-DNA-BA	DNA Software Option for Building Acoustics



Directional Source
BAS003



Omnidirectional Source
BAS001



Impulsive Source
BAS006



Heavy Duty Tripod
TRP023



Sound Level Meter
831-RI



Lightweight Power Amplifier
BAS002U/E



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