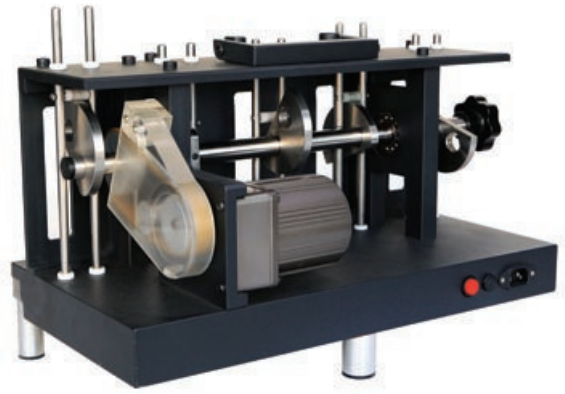
TM002 Tapping Machine is a rugged, self-contained sound source for making footfall noise measurements to the latest international standards (ISO140, EN 20140, ASTM E492, GB J75-84, etc.).

FEATURES

- Ergonomic case for easy transportation
- Five 500 g hammers with 40 mm falling heights
- 10 impacts per second
- Solid aluminum base for stable operation
- Reduced machine noise via belt drive
- Long lasting industrial drive motor
- No metal-to-metal moving parts resulting in less wear and smooth operation
- Both 220V AC and 110V AC powered units available



Principle of Operation

The TM002 uses an industrial 25 watt AC motor turning five cams via a belt drive for quiet operation. The cams in turn lift the hammers which fall 40 mm to impact the solid and durable base plate at a rate of 5 impacts per second. The base is made from 3/16"(50 mm) solid aluminum making the unit very stable during operation.

Maintenances

Special consideration was given to all the moving parts of the unit. No metal to metal contact is allowed. Teflon washers and spacers are used to guide the hammers, reducing friction, wear, noise, and maintenance.



SPECIFICATIONS

Tapping Machine TM 002	
Standards	ISO140, BS5821, GBJ75, ASTM492, EN 20140
Hammers	Five in line, 100 mm between each hammer, single hammer weight 500±10g
Impact Frequency	Each hammer operates at 2Hz; tapping frequency for unit is 10±0.3Hz
Impact Forces	Equivalent free-fall height of hammers 40 mm
Motor	220 V, 50 Hz AC Main, Or 110 V, 60 Hz AC Main Rating Power: 25 W
Dimensions	466 × 250 × 275 mm
Carrying Case	601 × 250 × 275 mm
Net Weight	18 kg (25 kg including the case)
Power supply	110 V or 220 V AC
Fuse	0.5A
Operating Temperature	-10°C ~ 50°C
Operating Humidity	0 ~ 98% RH
Standard Items Included	
TM 002	1
Power Cable	1 (Please specify the power plus, UK, USA, Japan, Germany, Australia)
Carrying Case	1
User's Manual	1