

TPMPro

Tapping machine



The new TPM Pro tapping machine is the result of a teamwork made by Italian technicians specialized in design and manufacturing of measurement tools for acoustical impact calculation.

The rigid and solid structure has been designed specifically to guarantee a better transportability and make it one of the lightest on the market.

TPM Pro is equipped with an internal battery pack (lithium type) that can help the operator to work without any cable obstructions.

The battery is automatically charged while it is connected to the main power. The battery can assure 3 hours of autonomous operation if used continuously.

TPM Pro machine is PTB approved and the calibration of the machine height can be easily effected.

The retractable feet assure the best comfort during the placement of the TPM Pro.

The calibrator (supplied with TPM) can be adjusted in correspondence of the 3 feet in order to check the correct height of the TPM Pro. The correct alignment can be obtained screwing and/or unscrewing the anti-vibration rubber pads of the TPM Pro, then fix them screwing the locking ring up to the feet.

Wireless remote control allows the user to turn on and turn off the machine.

STANDARD EQUIPMENT

- Wireless remote control: 433 MHz
- Antenna
- Lithium battery pack
- Electricity supply cable 220V
- Calibrator 73 mm



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CONFORMITY LAWS

UNI EN ISO:

10140-3, 140-7, 16283-2.

ASTM: E492, E1007.

Conform to CE directives.

TECHNICAL FEATURES

- Dimensions: 160 x 290 x 520 mm
- Weight: 11 kg with batteries, antenna and remote control
- Supports: 3 retractable feet and adjustable in height
- Power: 100÷240VAC, 50/60 Hz
- Consumption: 220VA

Battery

- Rechargeable Lithium batteries
- Duration: 3 hours continuously
- Battery derating: <5% loss in capacity per 900 discharge/charge cycles
- Battery charging time: 3 hours

Hammers

- Five in line hammers
- Interaxcle spacing: 100±3 mm
- Weight: 500±6 g
- Diameter: 30±0.2mm
- Front radius: 500 mm
- Curve: ~ 500 mm
- Tapping rate: 10 impacts per second, rpm controlled by encoder feedback loop
- Sequence: 1, 3, 5, 2, 4
- Effective fall height: 40 mm adjustable ±5 mm

OPTIONAL EQUIPMENT



- Semi-rigid carrying bag
- Trolley flight case
- HP remote control: 866 MHz
Distance in free field: up to 1.000 mt

The TPM Pro can be supplied with the HP remote control (866 MHz) that can work perfectly at long distances and through different floors, stairs and among not adjacent rooms.



All information subject to change without notice