

# 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



#### 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.



## COMPANY IDENTITY

Ntek is specialized in products and services for noise and vibration measurement and control, in all applicable acoustic fields.

The company has been able to improve in designing, developing and producing solutions that mix simplicity, portability and user-friendly products with excellent quality.

Ntek main goal is to supply a qualified service with a complete range of products delivered on time in order to guarantee its customers the chance to focus on their business.

To keep this promise we have strongly invested in innovation and production process with monitoring procedures certified by independent primary authority.

## OUR VISION

We believe that acoustics is the basis of wellness and improvement of life quality.

It's for this reason that we develop, innovate and produce equipment inspired to this philosophy.

## HOW WE WORK

Ntek can ensure a high level of service, thanks to modern processes and new laboratories, completely equipped for different operations of design, production, measurement, check and control.

## INTERNAL LOGISTICS AND STOCK

With its new operative location of 500 m<sup>2</sup> and its internal stock, Ntek guarantees available products in a short time according to customers' needs. Today we can handle an order in 48 hours compared with a standard delivery of 45/60 days.

The new location is structured to be flexible with logistics activities and in answering efficiently to productive needs of our customers.

## SUSTAINABILITY

Green company, environmentally friendly, aimed to a continuous improvement of quality and safety in industrial processes.

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