

# TPM Pro

Tapping machine



New TPM Pro tapping machine is the result of a team work of Italian technicians, specialized in design and realization of measurement tools for acoustical impact calculation.

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

Soft bag and retractable pins guarantee an easy transportability and assure the best comfort during measurements.

Lithium batteries has operative capacity of 3 hours. Wireless remote control permit the user to turn on and turn off machine in remote: transmission ray is 80 meters in open field.

#### **STANDARD EQUIPMENT**

- Wireless remote control
- Soft carry bag with shoulder strap
- Antenna
- Lithium batteries
- 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 pins retractable and adjustable in height
- Power: 100÷240VAC, 50/60 Hz
- Consumption: 220VA
- Antenna: 433 MHz

#### **Battery**

- Rechargeable Lithium batteries
- Duration: 3 hours
- Battery derating: <5% loss in capacity per 900 discharge/charge cycles
- Battery charging time: 2 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

#### **Remote control**

- Wireless: 433 MHz
- Transmission ray: 80 m in open field

## 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.

## Ntek

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