

MI006

DATASHEET

D_MI006_v0003_20190912_EN

Tapping machine

*Optional

PRESENTATION

The *MI006* is a standardised tapping machine specially designed to fulfil the specifications of ISO 16283-2, ISO 10140-5 and ISO 140-7: Measurements of impact sound insulation of floors in laboratory and field environments; and ISO 717-2: Rating of Impact sound insulation.

The *MI006* consists of five hammers in line. Each hammer has a weight of 500 g and falls free from a distance of 40 mm. The average time between impacts is 100 ms.

3 rubber feet support the unit in order to insulate the tapping machine from vibration.

The *MI006* has overheating protection to avoid damage in case of abnormal operation, blocking or overworking.

The *MI006* is operated with its keyboard and can be also remotely operated with the remote control *MA001* or through a computer with the supplied software. The connection with the computer is done using Bluetooth® wireless technology (BT002* device for PC is required).

The *MI006* must be powered from the main supply or through the rechargeable battery *MB006**.

APPLICATIONS

- Measurement of impact sound insulation of floors following ISO 16283-2, ISO 10140-5 and ISO 140-7

MAIN CHARACTERISTICS

- Remote control included
- Bluetooth® wireless technology incorporated
- Easy transportation
- Robust lightweight design
- Overheating protection
- Optional battery



- 1 -

MI006

TECHNICAL SPECIFICATIONS / ACCESSORIES



Tapping machine

*Optional

TECHNICAL SPECIFICATIONS

STANDARDS

ISO 16283-2
ISO 10140-5
ISO 140-7

HAMMERS

Number of hammers:	5
Distance between hammers:	100 mm
Hammer weight	500±12 g

IMPACT FREQUENCY

Average time between impacts:	100 ms
Free fall height:	40 mm
Time between impact and rising of the hammer:	< 80 ms

DIMENSIONS AND WEIGHT

Dimensions:	200 x 693 x 331 mm	
Weight:	Without battery	12.6 kg
	With battery	13.0 kg

POWER SUPPLY

Supply voltage:	110 - 230 Vac
Supply frequency:	50 - 60 Hz

CONSUMPTION

Consumption:	60 W
--------------	------

REMOTE CONTROL OPERATING RANGE

Remote control operating range:	45 m
---------------------------------	------

LITHIUM BATTERY*

Approximated autonomy with continuous operation:	60 min
Full charge time:	4.5 h
Approximate weight:	400 g

ACCESSORIES

SUPPLIED ACCESSORIES

	Mains cable
SF005	PC software for the MI006
FL005	Carrying case to carry the MI006
MA001	Remote Control for the MI006
AN001	Antenna to remotely operate the MI006

OPTIONAL ACCESSORIES

MB006	Internal lithium battery to power the MI006
BT002	Bluetooth® wireless communication device for PC

The characteristics, technical specifications and Accessories may vary without prior notice