

# MI006

## DATASHEET

D\_MI006\_v0002\_20140915\_EN

### Tapping machine

\*Optional

#### PRESENTATION

The *MI006* is a standardised tapping machine specially designed to fulfil the specifications of ISO 10140-3 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 10140-3 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



*\*Optional*

### Tapping machine

## TECHNICAL SPECIFICATIONS

### STANDARDS

ISO 10140-3  
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*