

Источники звука DELTA OHM HD2040

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Единый адрес для всех регионов: dmh@nt-rt.ru || www.deltaohm.nt-rt.ru

HD2040



HD2040 - TAPPING MACHINE,
 HD2050 - OMNIDIRECTIONAL SOUND SOURCE,
 HD2050.20 - POWER AMPLIFIER,
 HD2050.30 - DIRECTIONAL LOUDSPEAKER FOR FAÇADE
 SOUND INSULATION,
 HD2050.40 - PASSIVE SUBWOOFER

HD2040 Tapping Machine

The tapping machine HD 2040 is a normalized impact noise generator for the measurement of sound insulation of floors according to ISO 140-6, ISO 140-7, ISO 140-8, ASTM E492 and E1007.

It has 5 hammers in line driven by a motor controlled by an electronic system, by means of camshaft. The rate of fall of the hammer and the frequency of the impacts are constantly monitored to ensure compliance with the legislation. LED indicators on the front panel indicate the proper functioning of each hammer, detected by an optical sensor.

The hammers are made of stainless steel, hardened and dimensionally stable over time.

The unit is equipped with support feet with height-adjustable rubber base. On the back cover a **spirit level gauge** is mounted to assist the user to obtain vertical fall direction. The spacer enters the home with light pressure, you pull to remove it. The wheel will be feet below the base to reduce the size of the packing and easy transport of the machine.

The starting and stopping of the machine is via a front panel button or remotely using the supplied remote control. The antenna is screwed to the connector on the top of the unit and it has to be unscrewed it to store the unit in its case. Mains power supply 100 ... 240 Vac or rechargeable lithium-ion battery housed inside the unit. The charger is built; the battery recharges automatically when the machine is connected to the network.

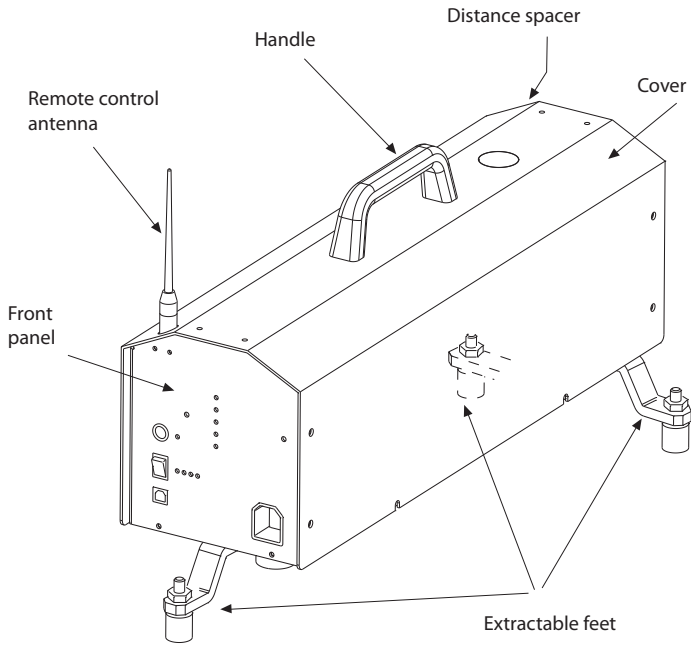
The aluminium frame reduces the weight of the machine and makes it easily transportable.

A spirit level on the cover of the machine allows you to position it perfectly horizontal plane. The inside of the lid of the machine is treated with sound absorbing material.

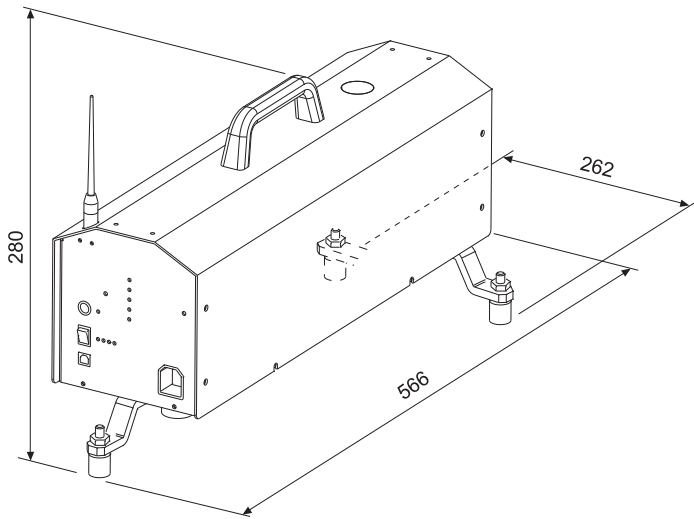
Technical specifications	
Number of hammers	5 in line
Weight of the hammers	500 ± 12 g each
Fall height	40 mm
Tapping interval	100 ± 20 ms
Average tapping interval	100 ± 5 ms
Interval between the impact and the lifting of the hammer	< 80 ms
Distance among the hammers	100 ± 3 mm
Head of the hammers	Diameter 30 ± 0,2 mm, spherical impact surface with radius of curvature 500 ± 100 mm
Tapping direction	Perpendicular to impact surface within ± 0,5°
Support feet	3 height-adjustable feet with rubber pads.
Service serial output	USB with type B connector
Remote control	By remote control (frequency 869.525 MHz, power 6 mW)
Power supply	100...240 Vac, 50÷60 Hz Lithium Ion rechargeable battery, rated voltage 7.2V, rated capacity 2900 mAh
Power consumption	< 30 W
Fuse	3A / 250V Time-delay fuse
Battery autonomy	About 80 min of continuous operation
Working Temperature and Humidity	-10...+50 °C, 0 ... 90 %RH no condensation
Dimensions (L x W x H)	520 x 162 x 280 mm with cover with handle and retracted feet - 566 x 262 x 280 mm with cover with handle and extended feet (excluding the antenna for the remote control)
Weight	11 kg the machine complete with battery pack and remote control 5.4 kg the carrying case
Structure of the machine	Anodized and painted aluminum



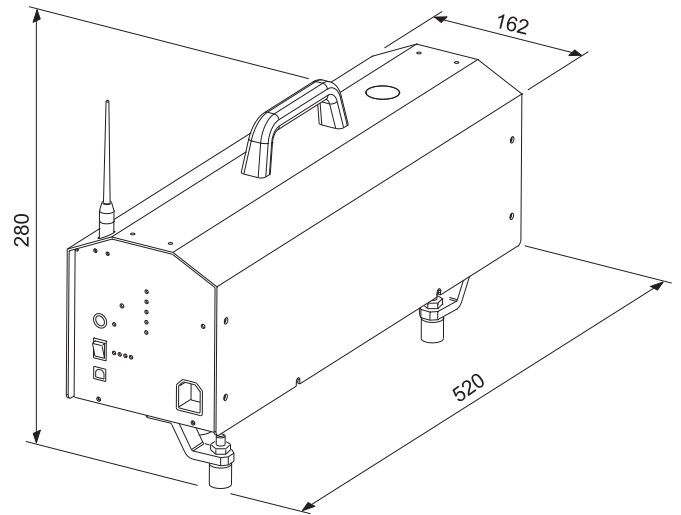
Description



Dimensions (mm) with extended feet



Dimensions with retracted feet



ORDERING CODES

HD2040: Machine for the generation of impact noise in accordance with ISO 140-6 and 140-7, ASTM E492 and E1007. Complete with rechargeable lithium ion battery, built-in battery charger, remote control, 13 mm wrench, instruction manual and carrying case (**HD2040-V**)

Accessories

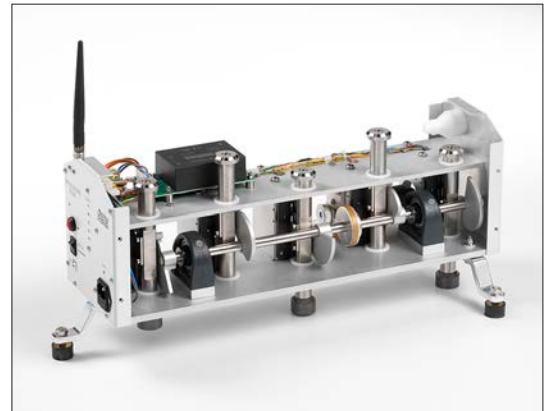
HD2040-R: Additional remote control. Frequency 869.525 MHz Power 6 mW

HD2040-A: Additional antenna for the remote control.

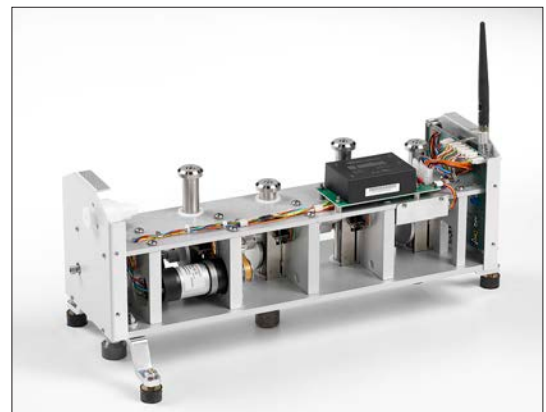
HD2040-V: Additional carrying case.

HD2040-B: Spare rechargeable lithium-ion battery pack. Nominal voltage 7.2 V. Rated capacity 2900 mAh.

HD2040-A



HD2040-R



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