

EOS 2.0 uses the
ELECTROMAGNETIC SYSTEM,
is **PRECISE, HANDY,**
INTUITIVE.

HERE'S WHY!

- It uses the Electromagnetic System
- It leaves our laboratory perfectly calibrated
- It weighs 9 kg
- The keyboard is easy to understand



THE ELECTROMAGNETIC SYSTEM

- Eos 2.0 has five powerful copper coils, surrounded by brass units, inside which there are tempered iron hammers.
- The hammers are raised by the magnetic field created by the coils, thanks to the piloting of a sophisticated electronic circuit controlled by a microprocessor.
- The hammers fall freely without friction from a fixed height respecting the frequency by the ISO rules.
- This system brings many advantages in terms of precision, because in our appliance there aren't mechanical parts in movement and it has low interferences generated by friction and vibration.
- Furthermore, Eos produces few vibrations because the lifting of the hammers is very soft.
- The mechanical models, instead, use an electrical engine that moves five cams that, to lift the hammers, strike against them creating dangerous vibrations.
- These vibrations, transmitted to the floor through the support feet, cause an undesirable noise that worsens the quality of the measure.

Thanks to these simple advantages, the Sources Line tapping machine ensures high impact repeatability in any operating condition.



TECHNICAL DETAILS

EOS 2.0 SPECIFICATIONS

Dimensions (L x H x P)	122 x 245 x 480 mm
Weight	9 Kg (including built-in battery pack)
Accessories provided	AC cable, Battery Pack, Remote Control, User Manual, ISO Certification.
Optional accessories	Hard Case / Soft Bag
Characteristics	Built-In Lithium Battery Pack Membrane Keyboard Delayed Start Function Inspection Doors
Absorbed power	125 W

POWER SUPPLY

Input	100 - 240 V; 50 - 60 Hz
Battery Voltage	25,2 V

BATTERY PACK

Type	Lithium Battery
Capacity	4900 mAh
Cell Voltage	3,6 V (for 7 cells)
Operating Time	70 min

REMOTE CONTROL

Frequency	434 Mhz (868 Mhz)
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EOS 2.0 PARAMETERS

Reference Standards: ISO 10140; ISO 16283; ISO 717; DIN 52210; BS 5821; ASTM E 492	Declared Values for Our Product
Hammers weight (500 ± 6) gr	(500 ± 4) gr
Head of hammers: (30 ± 0,2) mm (500 ± 100) mm	Diameter (30 ± 0,1) mm Curvature of the Impact Surface: (500 ± 30) mm
Time Between Impacts (100 ± 20) ms	(100 ± 4) ms
Mean Time Between Impacts (100 ± 5) gr	(100 ± 1) ms

FUNCTIONING



The functioning is quite simple. You just need to plug the unit into an **AC power socket** and the tapping machine is **READY!** Press the “Play” button and the hammer cycle starts immediately.

Alternatively, if you want to power on the unit using the **battery pack**, press the “Play” button for about 3 seconds until the red power LED on the left turns on.

The unit is now ready to work. The **delayed start function** allows the hammer cycle to operate for 1 minute, 3 minutes after being selected.

SOFT BAG

SOFT BAG SPECIFICATIONS

Dimensions	570 x 170 x H270 mm
Manufacturer Origin	Italy



HARD CASE

HARD CASE SPECIFICATIONS

Certifications	IP67, IK10
Dimensions and Weight	594 x 473 x H215 mm, 5 Kg
Differences compared to the previous one	Sturdier, more compact
Features	Screen printing space on the lid
Manufacturer Origin	Italy



**Thank you for trusting our
equipment.**

**We are confident that our
instrument will meet your
needs and expectations.**

