

Hardness Tester PCE-HT 224E with Digital Display



Hardness Tester PCE-HT 224E with Digital Display

Mechanical concrete hardness tester with OLED / Measuring range 10 ... 60 N/mm² (1500 ... 8500 PSI or lbs/in²) / Data storage analysis software / Built-in battery for mobile use / Test load 2.207 J / For measuring the quality of concrete surfaces

The Hardness Tester is a measuring tool for testing the strength of concrete. The Hardness Tester measures strength according to the Schmidt principle. According to this measurement method, the quality of concrete can be measured with the Hardness Tester. Thus, the Hardness Tester finds its essential application in the construction and in the construction sector. The Hardness Tester is also suitable for measuring the hardness of rolled paper. The built-in mechanism on the hardness tester always ensures the same impact energy of 2.207 Nm.

In addition to testing concrete, the Hardness Tester can also store measured data. The stored measurement data can be transferred from the Hardness Tester to a PC after a measurement run. For this, the mini-USB interface is available on the Hardness Tester. The evaluation of the measurements from the hardness tester is carried out with the supplied PC software.

The Hardness Tester displays measurements Rebound Value and can display force in PSI, MPa, kgF/cm², or N/mm². The Hardness Tester can be setup to measure at test angles of downward(-90°), downward(-45°), horizontal (0°), upward(45°), or upward(90°).

- ▶ OLED for reading the measured values
- ▶ USB interface for connection to a PC
- ▶ Measuring range 10 ... 60 N/mm², 1500 ... 8500 PSI or lbs/in²
- ▶ Measurement of the hardness of concrete
- ▶ Data storage for later analysis
- ▶ Rechargeable battery for mobile use

Specifications

Measuring range	10 ... 60 N/mm ² / 1500 ... 8500 PSI or lbs/in ²
Accuracy	± 0.1 R
Display	OLED
Nominal kinetic energy	2.207 Nm, 0.225 kgm
Interface	Bluetooth, micro USB
Storage	1,000 data units with 256 measurements each
Operating conditions	-40 ... 60°C / -40 ... 140°F
Power supply	3.7V Li-ion battery
Power supply (power supply)	Primary: 100 ... 240V AC, 50/60 Hz Secondary: 5V DC, 1 A
Dimensions	280 x 75 x 60 mm / 11 x 3 x 2.4 in
Weight	About 1.2 kg / 2.6 lbs

More information

Manual



More product info



Similar products



Subject to change