

Hardness Tester PCE-HT 225E





PCE-HT 225E Hardness Tester

Features a direct digital display, voice functionality and internal memory

PCE-HT 225E is a hardness tester or concrete test hammer, also called a concrete rebound hammer or Swiss hammer, used for non-destructive measurements of surface hardness and compression strength. Suitable for use with concrete, rock and building materials, this rebound hammer features a direct digital display, voice functionality, USB port data interface and memory for storing up 200 measurement values.

The manufacturer-calibrated concrete test hammer clearly shows the measured values directly on the attached LCD screen, making the results easy to read. The USB port allows for data transfer to a PC or printer. PC software for data processing is included in the delivery contents.

- ▶ Non-destructive
- ▶ Manufacturer calibrated
- ▶ Direct digital display
- ▶ Voice functionality
- ▶ USB port data interface
- ▶ Memory for up to 200 values
- ▶ Includes software for data processing
- ▶ Adjustable backlight brightness and energy-saving automatic power off
- ▶ Pump marking, measuring curve, carbonation depth and upper / lower permissible value limit settings

Specifications

Test range

Impact energy Impact stroke Spring rigidity

Average rebound value (for calibration)

Radiusof spherical tip

Adhesion of the measurement tip

Data interface

Datastorage or memory capacity

Display

Power supply

Weight

Dimensions

10 ... 60 MPa or 100 ... 600 kg/cm² /

1450.38 ... 8702.26 psi

2.207 J or N-m / 1.6278 ft-lb 75 ± 0.3 mm / 2.95 ± 0.012 in 785 J or N-m / 578.99 ft-lb

 80 ± 2

 $25 \pm 1 \text{ mm} / 0.99 \pm 0.04 \text{ in}$

0.65 ... 0.15 N USB2.0 port

Up to 200 measurement values LCD,176 x 220 mm / 6.9×8.7 in

4x AAA alkaline batteries Approx. 1.1kg / 2.4 lbs

Approx. 54 x 280 mm / 2.13 x 11.02

in

More information

Manual

More product info



Similar products



*** Note: Measurement values displayed and recorded in MPa only ***