

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 to 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	10 ... 60 MPa or 100 ... 600 kg/cm ² / 1450.38 ... 8702.26 psi
Impact energy	2.207 J or N-m / 1.6278 ft-lb
Impact stroke	75 ± 0.3 mm / 2.95 ± 0.012 in
Spring rigidity	785 J or N-m / 578.99 ft-lb
Average rebound value (for calibration)	80 ± 2
Radius of spherical tip	25 ± 1 mm / 0.99 ± 0.04 in
Adhesion of the measurement tip	0.65 ... 0.15 N
Data interface	USB2.0 port
Data storage or memory capacity	Up to 200 measurement values
Display	LCD, 176 x 220 mm / 6.9 x 8.7 in
Power supply	4x AAA alkaline batteries
Weight	Approx. 1.1kg / 2.4 lbs
Dimensions	Approx. 54 x 280 mm / 2.13 x 11.02 in

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

More information

Manual



More product info



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