

Elcometer 182 Digital Concrete Test Hammer

The Elcometer 182 Digital Concrete Test Hammer is equipped with an electronic transducer which converts the rebound values into a reading on the digital display.

It displays a range of statistics and there is a facility to download to a PC.

The software and digital display are integrated into the design of the hammer.

- Light and easy to use
- High resolution and accuracy
- Possibility to store measurements and download data to PC
- Setting of test parameters and factors (age, shape, correction factors)
- Rapid and simple calibration procedure
- Selection of testing angle
- Selection of unit (N/mm², MPa, PSI, kgf/cm²) Automatic conversion of rebound index to equivalent compression strength



STANDARDS:

ASTM C805, BS 1881:202, DIN 1048, EN 12504-2, ISO 8045, NFP18-417, UNI 9189

- Selection between 7 different correlation curves between rebound index and compressive strength, 2 pre-set and 5 user definable
- Statistical evaluation of test results (mean value, standard deviation, concrete strength estimation)
- Supplied with abrasive stone to prepare test surface
- Storage of up to 5,000 results
- RS 232 output to PC
- Rechargeable internal battery

Technical Specification

Part Number	Description	Certificate
W182---4	Elcometer 182 Digital Concrete Test Hammer	●
Impact Energy	2.207 Nm	
Accuracy	Better than ± 2 Rebound Number(s) (When tested on Calibration Anvil at 80)	
Resolution	0.1 Rebound Number	
Range	10 to 70 MPa	
Memory	5,000 tests	
Unit Selection	N/mm ² ; MPa; kgf/cm ² ; PSI	
Autonomy (Continuous Use)	>5 Hours	
Dimensions	Hammer: 280mm (11.02") length x 55mm (2.17") diameter In Case: 190 x 100 x 350mm (7.48" x 3.94" x 13.78")	
Weight	2kg (4.4lbs) with case	
Packing List	Hammer, battery charger (UK, EUR & US), serial cable for PC, abrasive stone, instruction manual, calibration certificate and carry case	

Accessories

TW99919563	Calibration Anvil (supplied complete with Test Certificate)
TW18219475-1	Replacement Mains Adaptor, UK 240V
TW18219475-2	Replacement Mains Adaptor, EUR 220V
TW18219475-3	Replacement Mains Adaptor, US 110V

● Calibration certificate supplied as standard