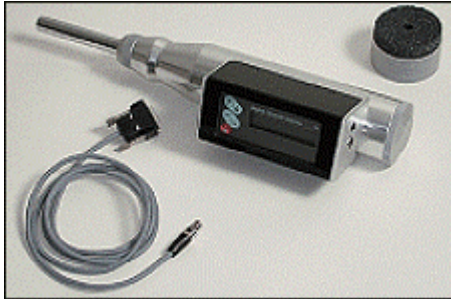


Elcometer 182 Digital Concrete Test Hammer



Elcometer 182 Digital Concrete Test Hammer

At a glance

- *The gauge for the non destructive testing of concrete hardness and compressive strength.*
- *Simple to use, immediate results displayed on the digital display*
- *Internal memory for up to 5,000 readings.*

Can be used in accordance with:	
ASTM C805	EN 12504-2
BS 1881:202	DIN 1048
ISO 8045	NFP18-417
UNI 9189	

Elcometer 182 Digital Concrete Test Hammer

The digital and more advanced version of the Elcometer 181, 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, display 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
- 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 5000 results
- RS 232 output to PC
- Rechargeable internal battery

Concrete Test Hammers

Test hammers are used to determine the surface hardness of concrete and are one of the most widely used instruments in the field of non destructive testing (NDT) of concrete compressive strength. It is the quickest, simplest and least expensive method to obtain an estimate of the quality and strength of the concrete.

Both mechanical and digital test hammers are available.

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; kg/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
Shipping List	Hammer, battery charger, serial cable for PC, abrasive stone, instruction manual, calibration certificate and carry case

Model	Description	Part Number		
		UK 240V	EUR 220V	US 110V
Elcometer 182	Elcometer 182 Digital Concrete Test Hammer	W182---1A	W182---1B	W182---1C
Accessories	Calibration Anvil	TW99919226		

Related Products



Elcometer 181

This simple to use gauge consists of a spring loaded plunger which, when released, strikes the surface with fixed and constant impact energy.

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