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DIGI-SCHMIDT- In-situ Strength



Concrete Testing with the DIGI-SCHMIDT 2000 Hammer, types ND and LD

The classic ORIGINAL-SCHMIDT concrete test hammer is equipped with a sensor which measures the rebound value of a test impact to a high resolution and repeatability. Rebound is an effective non-destructive measurement of the concrete compressive strength (to within 20%) and control of the uniform concrete quality (in-situ concrete and prefabricated structures). Basic settings and measured values are shown on the display unit. Operating is menu-guided in different languages. The DIGI-SCHMIDT 2000 is available in two versions:

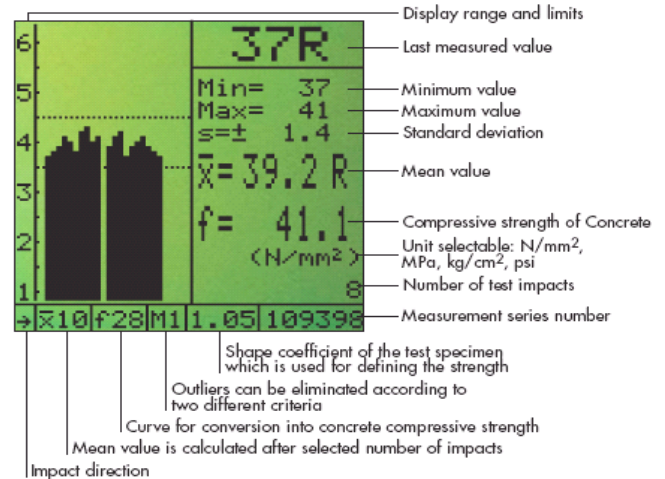
- Type ND (impact energy 2,207 Nm) - suitable for use on concrete components of 100 mm thickness or more
- Type LD (impact energy 0,735 Nm) - suitable for use on concrete components of thickness less than 100mm and on cast stone material

Special Features

The DIGI-SCHMIDT has these special features:

- Multiple statistical functions set by user.
- By entering the depth of carbonation, the conversion of rebound value to the compressive strength is automatically compensated.
- Multiple conversion tables to give greater accuracy of measurement.
- Compatible with TICO Ultrasonics to give strength to 10% accuracy.
- Data-Transfer to PC/printer

Display



Test Hammer	Type ND	Type LD
Impact energy	2.207 Nm	0,735 Nm
Compressive Strength Range	10 to 70 N/mm ²	10 to 70 N/mm ²
Accuracy of measurement	± 0.2 R	± 0.2 R
Reproducibility	± 0.5 R	± 0.5 R

- Display unit with non-volatile memory for max. 500 measurement series of 10 values each, graphic LC-Display 128 x 128 Pixel.

- Interface RS 232.

- Integrated software for printing the measured values and transmitting to PC.

Transfer cable for PC, test hammer cable, grind stone, carrying straps, operating instructions, certificate, protection sleeve and carrying case
325 x 295 x 105 mm, total weight 3 kg.

Accessories: Printer cable, Testing anvil

About PCTE

PCTE have over 30years experience in the measurement and testing of concrete. With experience in research, consulting and construction they are able to assist you in reviewing the issues and developing solutions. PCTE can provide more than just the equipment. They can provide leading technical support for your business.

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Other Equipment

The full Proceq range of equipment is available for insitu non destructive concrete measurement, including Schmidt Hammers, Covermeters, Half Potentials, Resistivity, Ultrasonics and Permeability.

We also supply Intelli-Rock maturity, temp and humidity logging systems, corrosion rate monitoring equipment, Ground Penetrating Radar, and Impact Echo.