



## CONCRETE TEST HAMMER

- Non-destructive measurement of the concrete compressive strength and control of the uniform concrete quality (in-situ concrete and prefabricated structures)
- Detecting weak spots
- Data-Transfer to PC/printer
- Data Evaluation with ProVista Software

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

By entering the depth of carbonation, the conversion of rebound value to the compressive strength is automatically compensated.

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. 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:

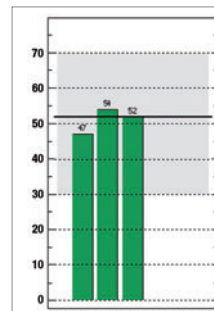
- Type ND (impact energy 2.207 Nm) - suitable for use on concrete components of 100 mm thickness or more
- Type LD (impact energy 0.735 Nm) - suitable for use on concrete components of thickness less than 100 mm (e.g. precast elements) and on cast stone material



Series testing of prefabricated concrete elements with automatic data storage

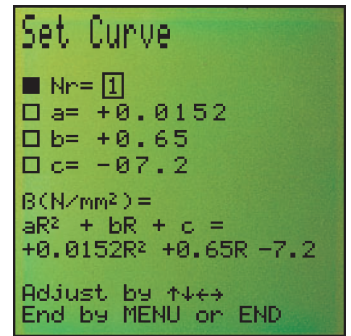
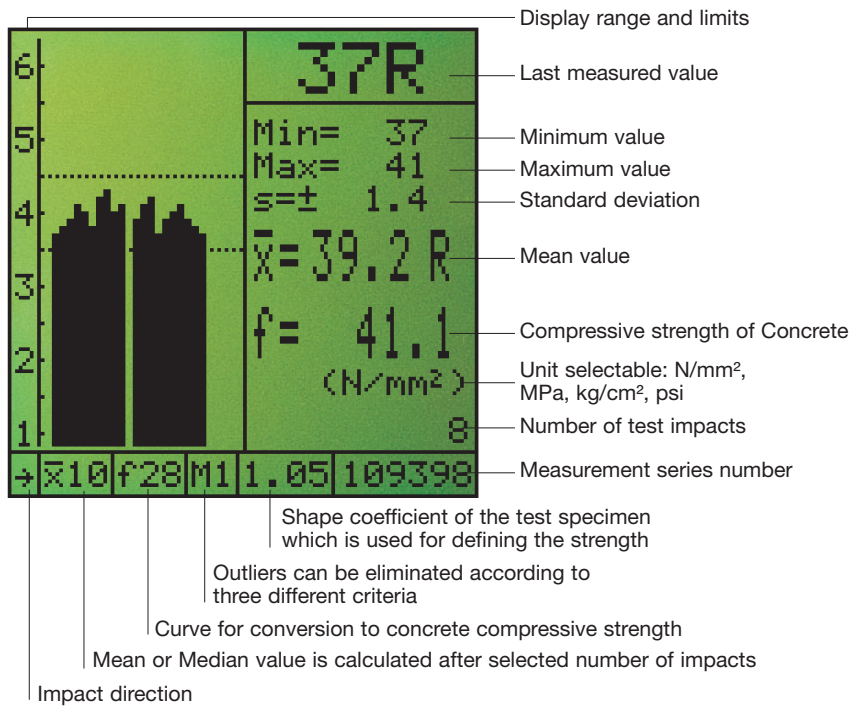


Control and data transmission to PC/Laptop



The measuring data can be transmitted easily by the serial RS 232 or via USB with adapter UBS/RS 232 to a normal printer or to a PC/Laptop with the window based software ProVista. Wrongly set parameters (like impact direction) can be corrected after the transmission on the PC/Laptop.

Standards: ISO DIS 8045, EN 12 504-2, ENV 206, ASTM C 805, ASTM D 5873 (rock) , DIN 1048 Part 2, B-15.225, NF P 18-417, (J6J / T23-2001, JJG 817-1993, both China)



The standard curves for concrete aged 7 and 28 days and four additional curves are installed in the unit. Three further internal conversion curves can be programmed via the keyboard. The integrated clock stores the measured values with test date and time.



## Technical Information

TEST HAMMER	TYPE ND	TYPE LD
IMPACT ENERGY:	2.207 Nm	0.735 Nm
MEASURING RANGE OF COMPRESSIVE STRENGTH $f_c$ :	10 to 70 N/mm <sup>2</sup> for horizontal impacts and $f_c$ for cubes 150/150/150	18 to 70 N/mm <sup>2</sup>
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

DISPLAY: Graphic LCD-Display 128x128 Pixel

INTERFACE: RS 232 or with adapter\* to USB

PC SOFTWARE PROVISTA: for evaluation and printing of the measured values and transmission to PC

TEMPERATURE RANGE: -10°C to +60°C for instrument

BATTERY: 6 LR6 batteries, 1.5V for 60 hours operation

## Ordering Information

### UNITS

340 00 202	Concrete Test Hammer DIGI-SCHMIDT 2000, Type ND
340 00 211	Concrete Test Hammer DIGI-SCHMIDT 2000, Type LD
including	Test Hammer cable, transfer cable, grinding stone, operating instructions, CD with ProVista software, certificate, protection sleeve, carrying strap, carrying case 415x500x125 mm, total weight 5.4 kg

### ACCESSORIES

330 00 460	Printer cable
310 09 040	Testing Anvil Euro
*390 00 540	Adapter RS232/USB

Subject to change without notice

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