



CONCRETE THICKNESS METER BDT- ST II



The Concrete Thickness Meters are mainly used in the building trade to determine the thickness of the concrete layer above the armoured steel. This is absolutely necessary to prevent damages of the armoured steel and to avoid expensive restoration.

This portable device, which is especially easy to operate on construction sites, works according to the proven magnetic induction measuring technique and measures concrete layers up to 80 mm. The new probe design allows the operator to determine the exact position of the armoured rod, moreover the diameter of the armoured rod does no longer affect the accuracy of the measurement, as long as it is within 6 – 30 mm.

BDT-ST II is equipped with a graphic, backlight LCD display. The measured value is displayed and simultaneously the position of the armoured rod is indicated on a bar diagram.

Measurements can be easily stored by pressing a key on the probe for further data recording on the printer **MEGA-PRINT** or on a computer.

To make the job even more comfortable a reference value can be entered, releasing a beep signal as soon as the reading is below.

All these special functions allow the operator to detect fast and easily big concrete areas.



The human eye – symbol of our job:
 Guaranteeing quality through surveillance. Perfect
 in function and technology. Open to everything new,
 recognizing changes in due time and responding to
 them shrewdly. Success is visible.

BDT-ST II

Additional Features:

- Automatic calibration when switching on
- Data Logging System with 2000 readings capacity (max. 100 files)
- Statistics Display Facility
- Serial Interface RS 232
- Listing with date and time

Technical Data

Measuring Range	0 – 80 mm
Resolution	0 – 10 mm = 0,01 mm 10 – 50 mm = 0,1 mm 50 – 80 mm = 1,0 mm
Accuracy	Armouring rod \varnothing 6-30 mm = $\pm 4\%$ (value measured)
Data Logger Capacity	max. 2000
Files	max. 100
Statistics	MIN/MAX/MEAN/STD.DEV.
Power Supply	Battery 9 V (IEC 6LF 22)
Measuring Capacity	approx. 50 hours
Display	graphic, 122 x 32 dots, backlight
Interface	serial RS 232
Size	Unit: 160 x 80 x 27 mm Probe: 100 x 35 x 30 mm
Weight incl. Probe	390 g



Thermo Printer MEGA-PRINT



Software

- Data Transfer Program **TRANSFER**
- Graphic Evaluation Program **STAT-6**



LIST-MAGNETIK

Dipl.-Ing. Heinrich List GmbH

D-70771 Leinfelden-Echterdingen
 Max-Lang-Str. 56/2
 Phone (+49) 711 90 36 31-0 • FAX (+49) 711 90 36 31-10
 E-Mail: info@list-magnetik.de • Internet: www.list-magnetik.de

**Certified
 according to
 EN ISO 9001**