



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 armoring rod, moreover the diameter of the armoring 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 armoring 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**



**Certified
 according to
 EN ISO 9001**