COVERMETER, BARTRACKER

Used to measure the thickness of concrete cover over steel reinforcement bars and metal pipes, furthermore it is also used to identify the location, orientation and diameter of reinforcement bars (rebar). The basic unit can be completed with a number of optional probes for various determination. See accessories.

Description

The Bartracker, which use the Pulse induction technique, features a rugged waterproof IP 65 case with a probe storage for easy portability. The battery pack can be recharged inside or outside the gauge. The display screen shows you everything you need to know.

The gauge is supplied complete with:

- Main unit
- Standard search head to meet most of measurement requirements to identify 40 mm dia. bar up to 95 mm depth (approx.), 8 mm dia. bar up to 70 mm depth (approx.), sensing area 120x60 mm.
- PC cable
- Battery pack and charger Shoulder strap
- Earphone
- Carry case and instruction manual

Important note

Standard and optional search heads, can be supplied on order, complete with calibration certificate. See ordering information.

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SPECIFICATION

To identify reinforcement bar diameters:

Metric: 5 – 50 mm diameters in 21 values

US bar numbers: #2-#18 bar sizes in 16 values

Rechargeable power supply:

7.4 lithium ion battery pack providing up to 32 hours of continuous use (20 hours if backlight on). Rechargeable in 4 hours either inside or outside the gauge using the external charger

Maximum operating temperature: 50°C Unit dimensions: 230x130x125 mm Unit weight: 1.54 kg

STANDARDS

- BS 1881:204

FEATURES

- Rebar location Rebar orientation Depth of cover
- Cover reading thickness mm or inches Large graphic display with backlight Multiple language menu structure Signal strength bar
- Interchangeable heads with led and keypad User selectable bar range sizes and numbers
- Autosize mode for quick bar diameter determination Orthogonal mode for bar diameter determination
- Other models of search head available on order for Narrow pitch search, Deep cover search, Borehole. See accessories. RS 232 output to PC
- EDTS MS EXCEL link software Data logging
- Adjustable beep volume & earphone socket

ACCESSORIES

58-E6100/1

Narrow pitch search head for BARTRACKER covermeter

58-E6100/2

Deep cover search head for BARTRACKER covermeter

58-E6100/3

Borehole probe short type 0-40cm for BARTRACKER covermeter

58-E6100/4

Borehole probe long type 0-100cm for BARTRACKER covermeter

ORDERING CODE

58-E6100/10

Basic calibration block with dia. 16 mm re-bar

58-E6100/11

Advanced calibration block featuring multi-spaced holes and 5 smooth re-bars, 300mm length, dia. 8, 10, 12, 16 and 20 mm

58-E6102

BARTRACKER covermeter with standard search head, carry case, gauge-to-PC transfer cable, battery pack and Euro battery charger. 100- 240V/50-60Hz/1ph

58-E6100/CAL1

Calibration certificate for BARTRACKER covermeter with standard search head. It must be requested atthe time of order

58-E6100/CAL2

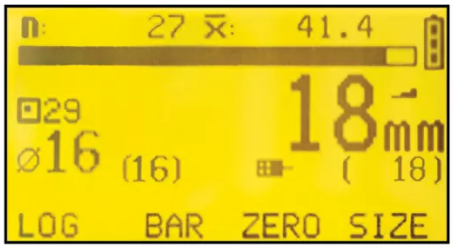
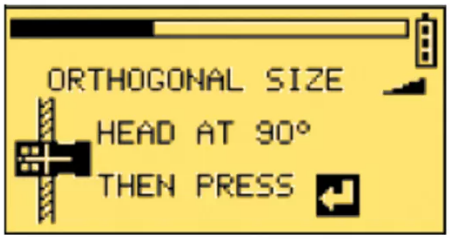
Calibration certificate for BARTRACKER covermeter with narrow pitch search head. It must be requested at the time of order

58-E6100/CAL3

Calibration certificate for BARTRACKER covermeter with deep cover search head. It must be requested at the time of order

58-E6100/CAL4

Calibration certificate for BARTRACKER covermeter with short borehole probe. It must be requested at the time of order.

58-E6100/CAL5

Calibration certificate for BARTRACKER covermeter with long borehole probe. It must be requested at the time of order.