



The human eye – the symbol of our work:
Quality assurance by control. Perfect in function and technology. Open for innovation, recognition of change at an early stage and intelligent implementation.
The success is visible



The New Coating Thickness Meters *TOP - CHECK*

TOP – CHECK FE / FE-B / FN / FN-B



The new **TOP-CHECK** coating thickness meters are hardly bigger than a measuring probe and have a worldwide unique measuring probe that can be swivelled by 90°. This enables the measurement of the coating thickness even in inaccessible places. With their low weight and small size the devices are ideal for users performing on-site measurements.

The measuring probe has a wear-resistant ruby probe pole, which has a long service life even when used for measurements on rough surfaces.

All **TOP-CHECK** devices are accommodated in an attractive metal housing, which is splash-proof in compliance with IP 64 and is also suitable for use in harsh environments.

The **TOP-CHECK** coating thickness meters are available in four versions and offer the following advantages:

Swivelling Probe

- Integrated swivelling measuring probe for measurements even in inaccessible places.
- Installed illuminated graphic OLED display..
- Self-explanatory multi-lingual menu navigation with one-button operation renders operating instructions largely superfluous.
- Measured value memory with Blue-tooth wireless interface installed as an option.



Measurements in inaccessible places

**TOP-CHECK
FE / FE-B**

measure insulating coatings (lacquer, paint, plastic, rubber, ceramics) and galvanic coatings (except nickel) for iron and steel subsurfaces with a magnetic-inductive probe in accordance with ISO 2178.

TOP-CHECK FE-B has an additional Bluetooth wireless interface with a measured value memory function.

**TOP-CHECK
FN / FN-B**

measure insulating coatings (lacquer, plastic, rubber, ceramics) and galvanic coatings (except nickel) for iron and steel subsurfaces following the magnetic-inductive method, and insulating coatings for non-ferrous metals (aluminium, brass, copper, bronze, non-magnetic stainless steels) following the eddy current method with a combined probe in accordance with ISO 2178 and 2360.

TOP-CHECK FN-B has an additional Bluetooth wireless interface with a measured value memory function.

Features and Technical Data:

Function	TOP-CHECK FE	TOP-CHECK FE-B	TOP-CHECK FN	TOP-CHECK FN-B
Measurement of paint, varnish, plastics and galvanizing on iron and steel	X	X	X	X
Measurement of insulating coatings (paint, varnish, plastics, anodizing) on non-ferrous metals	-	-	X	X
Measuring Range:	FE: 0 – 5000 μm	FE: 0 – 5000 μm	FE: 0 - 5000 μm NFE: 0 - 2000 μm	FE: 0 - 5000 μm NFE: 0 - 2000 μm
Auflösung: 1 - 100 μm: 0.1 μm > 100 μm: 1 μm > 1000 μm: 0.01 mm	X	X	X	X
Accuracy: below 100 μm: ± 1 μm 100 -1000 μm: ± 1 % 1000 2000 μm: ± 3 % > 2000 μm: ± 5 %	X	X	X	X
Power Supply: 1.5V AA Mignon	X	X	X	X
One / Two-Point calibration:	X	X	X	X
Automatic Switch Off:	X	X	X	X
Conversion μm – mils:	X	X	X	X
Data Memory:	-	2 x 500 Readings (FE)	-	2 x 500 Readings (FE + NFE)
Multilingual Menu Navigation:	X	X	X	X
Statistics (MAX. MIN. MEAN. NO. STD.DEV.)	-	X	-	X
Display of stored readings and statistics	-	X	-	X
OLED Graphic Display illuminated:	X	X	X	X
Bluetooth Interface:	-	X	-	X
Dimensions:	Ø 28 x 98 mm	Ø 28 x 98 mm	Ø 28 x 98 mm	Ø 28 x 98 mm
Weight incl. Batteries:	72 g	72 g	72 g	72 g

Standards: DIN, ISO, ASTM, BS

Scope of supply: Battery + spare battery, calibration set, operating instructions and a practical plastic case

Optional Accessories

Thermo Printer TOP-PRINT



with Bluetooth Interface incl. Charger and Lithium-Ion rechargeable Battery

Software

Data Transfer Program

Data Transfer Program

TRANSFER-EXCEL

Graphic Evaluation Program

STAT-6

