

Coating Thickness Meter

LIST-MAGNETIK MEGA-CHECK Pocket

The devices **LIST-MAGNETIK MEGA-CHECK Pocket** use digital measuring probes, in which the analog signals are digitised directly in the probe and transferred digitally via the probe cable to the measuring device.

This technology is immune to interference and makes reproducible measurements with high accuracy possible.

Scope of supply:

Device incl. probe, calibration set, operating instructions and case



The probe cable is connectable from both sides (control unit and probe) and therefore very service-friendly, because just the cable needs to be replaced in case it gets broken. The housing, with its easy to handle format and rubber reinforced sides, is hardly bigger than the measuring probe.

For this technology these devices offer an excellent price-performance ratio.

The simple operation of the devices with just one key is ideal. With ASR technology (Automatic Statistic Result), it is possible to display the statistics of the last series of measurements. To do this the probe plug is simply disconnected from the device. After that the device is switched on again and the Min., Max. and Mean statistical values and Standard Deviation of the last series of measurements are displayed automatically in sequence. The user doesn't have to carry out any complicated settings.

MEGA-CHECK devices are of high quality and manufactured exclusively in Germany.



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



MEGA-CHECK Pocket FE

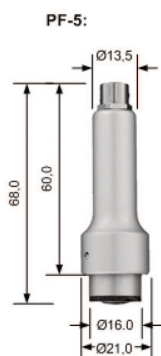
measures according to the magnetic induction technique non-conductive coatings (paint, varnish, plastics, rubber, ceramics) and galvanized films (except nickel) on **iron and magnetic steel**.

MEGA-CHECK Pocket FN

includes both the magnetic induction and eddy current techniques with a dual-function probe. These measurements can be performed: On **iron and magnetic steel** all non-conductive coatings (paint, varnish, plastics, rubber, ceramics) and galvanized films (except nickel). On **non-ferrous metals** (aluminium, bronze, brass, copper, non-magnetic steel) all non-conductive coatings (paint, varnish, plastics, anodizing on aluminium).

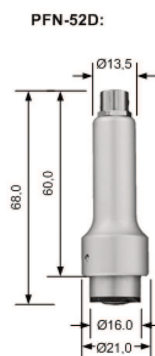
Features and technical data		
	MEGA-CHECK Pocket FE	MEGA-CHECK Pocket FN
Measurement of paint, varnish, plastics and galvanizing on iron and steel:	X	X
Measurement of insulating coatings (paint, varnish, plastics, anodizing) on non-ferrous metals:	-	X
Measuring Range:	FE: 0 – 5000 µm	FE: 0 – 5000 µm NFE: 0 – 2500 µm
Resolution:	1 - 100 µm: 0.1 µm > 100 µm: 1 µm > 2000 µm: 0.01 mm	
Accuracy:	below 100 µm: ± 1 µm 100 - 1000 µm: ± 1 % 1000 - 2000 µm: ± 3 % Above 2000 µm: ± 5 %	
Available Probes:	PF-5	PFN-52D
Smallest Area:	Ø 4 mm	Ø 6 mm
Smallest curvature radius convex:	4 mm	FE: 4 mm NFE: 6 mm
Smallest curvature radius concave:	38 mm	38 mm
Power Supply:	2 x 1.5V AA Mignon	
One- / Two-Point calibration:	X	
Automatic Switch Off:	X	
Conversion µm – mils:	X	
Statistics (MAX. MIN. MEAN. NO. STD.DEV.):	Last series of 100 measurements (ASR-technology)	
Display of statistics:	X	
Display LCD:	3 ½ digits	
Dimensions:	105 x 65 x 26 mm	
Weight incl. Batteries:	137 g	

Measuring probes PF-5 / PFN-52D



PF-5:
Probe with springloaded guide for measuring on iron and steel (magnetic induction)

Measuring range: 0 – 5000 µm



PFN-52D:
Dual function probe with springloaded guide, for measuring on ferrous and non-ferrous metals (magnetic induction and eddy current method)

Measuring ranges:

FE: 0 – 5000 µm

NFE: 0 – 2500 µm

N°Direct 0802 00 00 33



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