



FCT 1 Data

Coating Thickness Tester

Coating Thickness Tester for fast testing and measuring of non-magnetic coatings on steel or non-ferrous metals. Trades and tasks: Paint shops, car industry, construction

Features

- » Internal memory for 80 readings per group
- » Easy data transfer to PC by USB
- » PC software
- » Measures insulating coatings on non-ferrous metals
- » Automatic recognition of the material (Fe / NFe)
- » Sensor with V-groove for measurements of round objects
- » Magnetic induction and eddy current measuring principle
- » Single and permanent measurement
- » AVG / Max / Min function
- » Alarm function

Supplied with

- » 2 x AA batteries
- » USB cable
- » Software
- » Calibration accessories
- » Case

PRODUCT INFORMATION

Technical data

Sonde F
Sonde N

Working principle

Magnetic induction

Eddy current principle

Measuring range

0 – 1250 –m

0 – 1250 –m

0 – 49,21 mils

0 – 49,21 mils

Guaranteed tolerance

0 – 850 –m ($\pm 3\%$ +1 –m)

0 – 850 –m ($\pm 3\%$ +1,5 –m)

(of reading)

0 – 33,46 mils

0 – 33,46 mils

($\pm 3\%$ + 0,039 mils)

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850 – 1250 –m ($\pm 5\%$)

850 – 1250 –m ($\pm 5\%$)

33,46 – 49,21 mils ($\pm 5\%$)

33,46 – 49,21 mils ($\pm 5\%$)

Resolution 0 – 50 –m

0,1 –m

0,1 –m

Resolution 0 – 1,968 mils

0,001 mils

0,001 mils

Diameter of minimum area

PRODUCT INFORMATION

7 mm
5 mm

Basic thickness of material
0,5 mm
0,3 mm

Working temperature
0 – +40 °C
0 – +40 °C

Working relative humidity
20 % ~ 90 %
20 % ~ 90 %

Power supply
2 x AAA NiMH
2 x AAA NiMH

Size
113,5 x 54 x 27 mm
113,5 x 54 x 27 mm

Weight
110 g
110 g