



TQC Sheen Coating Thickness Gauge Fe and NFe

LD0800

TQC Sheen Coating Thickness Gauge Fe and NFe **Technical Specification:**

This handy, robust and easy-to-use coating thickness gauge is ideal for measurement tasks in various industries and coating applications. This compact meter allows measurement of painted objects, or other corrosion protective layer thicknesses, with accuracy measured in both ferrous (iron or steel) and non-ferrous (aluminium, copper, brass or non-magnetic steel)

Ideal for

Protective Coatings, Corrosion Control, Coating Laboratories, Paint Production, Surface Finishing, Powder Coating, Decorative Coatings, Building Maintenance, Aerospace, Automotive, Construction and Civil Engineering, Defense, Industrial, Inks and Coatings, Marine, Metal Packaging

Standards

ISO 2808

Features:

- Easy to hold and portable
- Two measuring modes: Single and Continuous
- Two group modes: direct (DIR) and general (GEN)
- Zero point calibration and multi-point calibration (up to 4 points) for each group
- Able to recall and delete specified readings or delete group readings
- Three different probe modes: Auto, Magnetic and Eddy current
- Able to set high or low limit alarm for each group
- Automatic Power off
- Low battery and error indication
- USB interface for data transfer

Measuring Principle:	F probe = magnetic induction/ NFe probe = eddy currents
Materials:	Aluminum, Steel
Measuring range:	0–1300 µm/0–51.2 mils
Accuracy:	±3%
Resolution:	0 µm–999 µm (1 µm)/ 0 mils–39.39 mils (0.01 mils) 1000–1300 µm (0.01 mm)/ 39.4–51.2 mils (0.1 mils)
Calibration:	One point to four points calibration, zero point calibration
Data group:	Each group has individual statistics, alarm limit settings and calibration
Statistics:	Number of readings, mean, minimum, maximum and standard deviation
Units:	µm, mm and mils
Alarm:	User can set high/low alarm limit, alarm icon displayed on LCD when over limit
Min. curvature radius convex:	1.5 mm
Min. curvature radius concave:	25 mm
Min. measuring area:	Diameter 6 mm
Min. thickness of substrate:	Fe – 0.5 mm (0.02 ")/ NFe – 0.3 mm (0.012 ")
Max. Measuring rate:	2 readings p/s
Computer interface:	Download data via USB
Power supply:	2x 1.5 V AAA battery
Operation environment:	Temp: 0–40 °C (32–104 °F)/ Humidity: 20–90 % R.H.
Storage environment:	Temp: -20 to 70 °C (-4 to 158 °F)
Size:	110x53x24 mm (4.33x2.09x0.94 ")
Standard Compliance:	ROHS WEEE

Scope of Supply:

- TQC Sheen Coating Thickness Gauge Fe and NFe
- Micro-B cable
- Software
- 2x batteries 1.5 V AAA
- Foil set
- NFe zero plate
- Fe zero plate
- Carrying Case

Ordering Information:

Catalog Number Article Description

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Disclaimer

The information contained in this document is liable to modification from time to time in the light of experience and our policy of continuous product development. Check the Industrial Physics website for the latest version.

Contact Details

web. www.industrialphysics.com

email. info@industrialphysics.com