

Sonacoat Easy F & FN

Ideal for varnish, paint, chrome on all metals.



- Low Cost, Easy To Use Coating Thickness Gauges
- Fast and precise measurement
- Integrated Transducer
- F Model for Non-Magnetic Coatings on Steel Only
- FN model also measures non-conductive Coatings on Non-Magnetic Metals with automatic substrate recognition
- Wide Measuring Range up to 3,500 µm
- Selectable units µm/mils
- No Calibration needed on flat surfaces
- Switch on and use instantly
- Online Statistics (n, mean, SD, Max,Min)
- Simple menu structure
- Audible measurement confirmation
- Standard AAA batteries
- Auto power off

Ideal For

- Paint and Powder Coating measurement
- Paint or plating shops
- Incoming Material Inspection
- Automotive and ship building
- Measurement of shim/ film thickness with conductive backing
- Verification of Zinc layer under Paint (FN)
- Aircraft Paint load analysis
- Assessment of Coatings before thickness inspection.
- Vehicle Inspection and repair

The Sonacoat Easy provides very accurate performance, but with a minimum of fuss, it is optimized for 'basic applications' which do not require sophisticated data logging or analysis: it gives reliable results, but requires a minimum of set up or training.



Coating Thickness Gauge - keep it simple.

Specifications

Device type:	Coating thickness gauge with integrated probe
Gauge Versions:	Sonacoat easy F for iron/steel Sonacoat easy FN for all metals (dual gauge)
Measuring principle:	Magnetic induction method, (F) Eddy current method (N)
Measuring range:	For iron/steel 0 - 3,500 μm /0 - 140 mils For non-ferrous metals 0 - 3,000 μm /0 - 120 mils
Tolerance:	$\pm 3 \mu\text{m}$ or $\pm 3\%$ of reading/ ± 0.12 mils or 3% (whichever is greater)
Resolution:	1 μm /0.1 mils or $< 2\%$ of reading
Display:	4-digit display : digit height 10 mm / 400 mils, selectable between μm /mils
Confirmation of reading:	Audible 'beep'
Minimum measuring area:	10 mm x 10 mm/0.4" x 0.4"
Minimum curvature radius (on steel):	Convex 5 mm/0.2" , concave 50 mm/2" -Calibration required below 30mm (Fe) or 75mm(NFe)
Minimum substrate thickness:	Iron/steel: 0.75 mm / 30 mils
non-ferrous metals:	0.25 mm / 10 mils
Calibration:	Factory calibration, zero calibration
Surface temperature:	-15 °C to 60 °C / 5 °F to 140 °F
Operating temperature:	0 °C to 60 °C / 32 °F to 140 °F;
Storage temperature:	-20 °C to 60 °C / -4 °F to 140 °F /
Power supply:	2 x AAA 1.5 V
Housing/keypad:	Protection class IP52 (protection against dust and dripping water)
Dimensions:	110 mm x 50 mm x 25 mm , 4.3" x 2" x 1"
Weight (incl. batteries):	90 g / 3.2 oz
Standards:	DIN EN ISO, ASTM, BS

Kit Contents:

- Gauge including transducer
- ZERO plate(s)
- Plastic shim
- Soft carrying pouch
- 2 batteries
- Instruction manual
- Manufacturer's certificate



A Sonatest NDE Group Company

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