



SONACOAT Easy F & FN

- 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 measure non-conductive coatings on Non-Magnetic Metals with automatic substrate recognition.
- Wide Measuring Range up to 3,500 $\mu\text{m}/\text{mils}$.
- 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.



Optimized for simple applications, providing reliable results, minimal set up requirements or training.

Ideal applications include:

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



Keeping it simple!

Simplicity | Capability | Reliability

Specifications

Device Type:	Coating thickness gauge with intergrated probe
Gauge Versions:	Sonacoat Easy F for iron/steel. Sonacoat Easy FN for all metals (dual mode gauge)
Measuring principle:	Magnetic induction method (F). Eddy current method (N).
Measuring Range:	For iron/stel: 0 - 3,500 μm /0 - 140 mils. For non-ferrous metals: 0 - 3000 μm /0-120 mils.
Tolerance:	$\pm 3 \mu\text{m}$ or 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 10mm / 400 mils, selectable between μm /mils.
Confirmation of reading:	Audible 'beep'.
Minimum measuring area:	10mm x 10mm/0.4" x 0.4".
Minimum curvature radius (on steel):	Convex 5mm/0.2". Concave 50mm/2".
Minimum substrate thickness:	Iron/steel: 0.75mm / 30 mils. Non-ferrous materials: 0.25mm / 10 mils.
Calibration:	required below 30mm (Fe) or 75mm (NFe). 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 AA 1.5V batteries.
Housing/keypad	Protection class IP52 (protection against dust and dripping water).
Dimensions:	110mm x 50mm x 25mm, 4.3" x 2" x 1".
Weight (Incl. batteries):	90g / 3.2oz.
Standards:	DIN EN ISO, ASTM, BS.

Sonacoat Easy F or FN Kit

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



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