



SONACOAT P

The Sonacoat P provides fast, non-destructive, accurate coating measurements on steel and non-ferrous metals.

It is not only paintwork thickness and other coatings you can measure. You can also obtain valuable information concerning the coating fillers. When measured thickness value clearly exceeds the standard paintwork thickness, this would initiate the use of filler material for repair work or repainting.

Sonacoat P leaves no damage on the surface, no scratches, no grinding required.

In the application of digital coating thickness measurement there are two field proven inspection methods; the Magnetic method and the Eddy Current method, (DIN EN ISO 2178 and 2360).

The Sonacoat P uses both these methods offering the same degree of high precision, even with the thinnest coatings, allowing measurement on steel as well as on non-ferrous metals such as aluminium.

Just position the probes and selection is automatically made.

**You can't get faster.....
it's simple.....**

.....it's universal

Find out more about your bodywork!

Simplicity | Capability | Reliability



Large Measuring Range 0-2000 µm (0-80 mils)

Measurement on Steel and Aluminium

One-key operation

Calibration free measurements

Selectable units - µm/mm/mils

Specifications

Range:	Steel/Iron (F): 0 - 2000 μm (0- 80 mils) Aluminium (N): 0 - 2000 μm (0 - 80 mils)
Accuracy:	$\pm 5 \mu\text{m} + 5 \%$ of reading $\pm 0.5 \text{ mils} + 5 \%$ of reading
Resolution:	5 μm or $<1\%$ of reading 0.5 mils or $<1\%$ of reading
Display:	4-digit alphanumeric. Height 10 mm (0.4")
Minimum Measuring Area:	40mm x 40mm (1.6" x 1.6")
Minimum Substrate Thickness:	F: 0.75 mm (30 mils) N: 0.25 mm (10 mils)
Calibration:	not needed; factory calibrated
Operating Temperature:	0°C to 50°C (32°F to 122°F)
Surface Temperature:	-15°C to 60°C (5°F to 140°F)
Power:	2 AAA, 1.5V
Dimensions:	110mm x 50mm x 25mm (4.3" x 2" x 1")
Weight:	90g (3.2oz). Gauge incl. probe and batteries.
Protection Class:	IP52 (proof against dust and dripping water)
Standards:	DIN, ISO, ASTM, BS.
Resolution Table	
Microns (μm)	0 - 500 μm : 5 μm 500 - 1000 μm : 10 μm 1000 - 2000 μm : 25 μm
Mils	0 - 50 mils: 0.5 mils 50 - 80 mils: 1 mils

Sonacoat P Kit

Sonacoat P including transducer
200 μm (8 mils) plastic shim
Steel zero plate
Aluminium zero plate
2 x AAA batteries
Soft carrying pouch
Manual



Measuring Limits



Minimum Radius for Convex Surfaces (25mm (1")).



Minimum Radius for Convex Surfaces (50mm (2")).



Minimum Headroom 125mm (5").



Measuring Area 40 x 40 mm (1.6" x 1.6")



Minimum Substrate Thickness - F 0.75mm (30 mils)
Minimum Substrate Thickness - N 0.25mm (10 mils)

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