



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 structure, such as paint top coats or body fillers. When measured thickness value clearly exceeds the standard paintwork thickness, this would indicate the use of filler material for repair work or repainting.

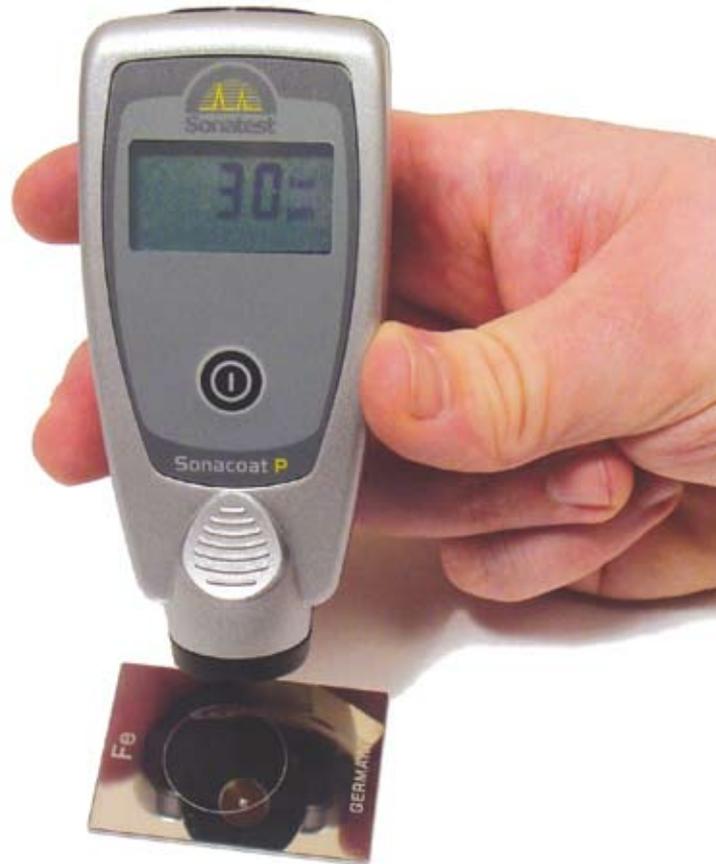
Sonacoat P leaves no damage on the surface, no scratches, no grinding required.

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 probe and selection is automatically made.

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



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

Paint Thickness Gauge

Find out more about your bodywork!

Ideal for car dealers, paint shops and inspectors.



SONACOAT P

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")

Min. Measuring Area: 40 mm x 40 mm (1.6" x 1.6")

Min. 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, 1.5 V

Dimensions: 110 mm x 50 mm x 25 mm (4.3" x 2" x 1")

Weight: 90 g (3.2 oz). Gauge incl. probe and batteries.

Protection Class: IP 52 (proof against dust & 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



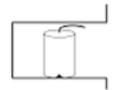
Measuring Limits



Minimum Radius for Convex Surfaces
25 mm (1")



Minimum Radius for Convex Surfaces
50 mm (2")



Minimum Headroom 125 mm (5")



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



Minimum Substrate Thickness - F
0.75 mm (30 mils)

Minimum Substrate Thickness - N
0.25 mm (10 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