

Digital coating thickness gauges

Measurements of coating thickness of paint, coating, foil etc. (non-magnetic layers) on a magnetic (ferro) and/or non-magnetic (non-ferro) substrate. Available with integrated or external sensor, in single or combined (automatically selecting magnetic/non-magnetic) model. Furthermore there is a one-button model, specifically designed for the automobile industry.

- Measuring principles: magnetic induction (ferro) and eddy current (non-ferro).
- Measuring range: 0 - 1250 μm .
- Resolution: 0.1 μm (< 100 μm), 1 μm ($\geq 100 \mu\text{m}$).
- Accuracy: $\pm 3\%H$ or 3 μm (H = measured value).
- $\mu\text{m}/\text{mil}$ conversion.
- RS232C data output.
- Automatic switch-off.
- Minimum measuring area: 6 x 6 mm.
- Minimum substrate thickness: 0.3 mm.
- Minimum object radius:
 - ferro: 1.5 mm (convex), 25 mm (concave),
 - non-ferro: 3 mm (convex), 50 mm (concave).
- Dimensions: 131 x 65 x 28 mm.
- Delivery in a case with reference standards.
- Power supply: 4 batteries (AAA).

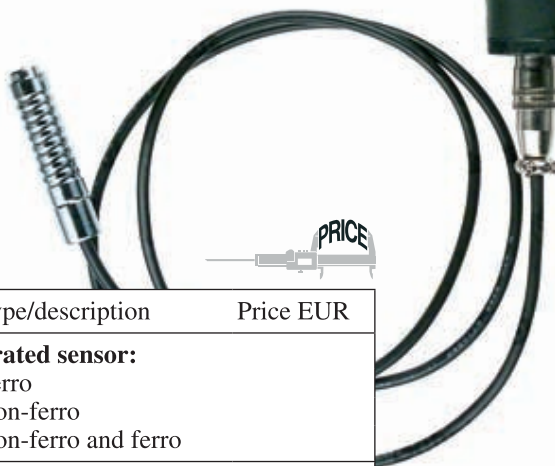
NEW



909.060



909.061



909.062

Item No.	Type/description	Price EUR
With integrated sensor:		
909.060	Ferro	
909.069	Non-ferro	
909.070	Non-ferro and ferro	
With external sensor:		
909.061	Ferro	
909.071	Non-ferro	
909.072	Non-ferro and ferro	
One-button model:		
909.062	Non-ferro and ferro	
Options:		
497.914	Spare battery (4 needed)	
909.073	RS232C cable and software	

Digital electro-magnetic coating thickness gauge

Coating thickness gauge for non-destructive, accurate measurement of non-magnetic materials, e.g. plastic, chromium or paint on a magnetic substrate. When exceeding the given tolerance limits, the gauge will buzz to indicate the overrun error.

- Measuring principle: electro-magnetic induction.
- Measuring range: 0 - 1.25 mm.
- Resolution: 0.1 μm (< 10 μm),
1 μm (10 - 999 μm),
0.01 mm (\geq 1 mm).
- Accuracy: $\pm(3\%H + 1 \mu\text{m})$
(H = measured value).
- $\mu\text{m}/\text{mil}$ conversion.
- On/off switch.
- Automatic switch-off.
- Measuring face probe: \varnothing 11 mm.
- Minimum substrate thickness: 0.3 mm.
- Minimum object radius: 3 mm.
- Calibration standards: 4 + iron ground plate.
- Operating temperature: 0 - 40°C.
- Admissible relative humidity:
20 - 90% (at 40°C).
- Dimensions: 130 x 67 x 32 mm.
- Weight: 240 g.
- Power supply: 2 batteries (AA).



Item No.	Description	Price EUR
906.801	Coating thickness gauge	
Option:		
495.111	Spare battery (2 needed)	