

WATERPROOF PRECISE COATING THICKNESS GAUGE MG-401

Designed for precise measurements of non-magnetic coating on ferrous surface, e.g. lacquer on steel or plastic on steel.

MG-401 may also be used for precise steel car body controlling, determining the thickness of the varnish (lacquer) and finding the repaired places.

Characteristic features:

- **MG-401** ensures fast stabilisation of readings.
- The result of the measurement is displayed in μm or mils (1/1000 inch).
- The meter is equipped with a large, easy-to-read backlight LCD display with brightness control.
- HOLD" function to freeze the result on the display.
- Signalisation of the result stabilisation with the "READY" symbol and a sound.
- Possibility of sending a calibration report to a PC - up to 10 last calibrations.



- High accuracy is ensured by very precise manufacturer's calibration of the probe.
- In case of unusual thickness of the basis, the user's calibration on freely chosen thickness points is possible.
- Memory of 3 characteristics of user's calibration.
- Alarm function enables setting maximal and minimal value. Exceeding of these values is signalled on the display.
- Possibility to read the maximal, minimal and average value out of stored results.
- Minimal diameter of a pipe with a measured varnish: 2,5 cm (after special preparation of the sensor).
- Built in clock with date.
- Internal datalogger enables storing up to 4000 measurements with time and date.
- The meter has a non-volatile memory.

- IP-66 waterproof housing.
- Possibility of connecting with a PC by a micro USB output.
- Power supply with use of rechargeable batteries or USB power adapter.
- 24 months of warranty.

TECHNICAL DATA

Range	Resolution	Accuracy	Weight	Power	Dimensions (mm)
0 ÷ 1999 μm	0.1/1 μm	$\pm 1 \% \pm 1 \mu\text{m}$	260 g	Rechargeable batt. 2 x 1.2 V; 5 V power adapter	L = 149 W = 82 H = 22
0 ÷ 80 mils	0.01 / 0.1 mils	$\pm 1 \% \pm 0.03 \text{ mils}$			