

WATERPROOF PRECISE COATING THICKNESS GAUGE MG-401

- Applied for precise measurements of nonmagnetic coating on ferrous surfaces ex lacquer on steel or plastic on steel.
- The result of the measurement is displayed in μm or mils (1/1000 inch).
- **MG-401** ensures fast stabilisation of readings.
- Stabilisation of reading is confirmed by a sound signal.
- Equipped with an auto-hold function – the readout freezes on the display for 10 seconds or until the next measurement is performed.
- The meter is equipped with a large, easy-to-read backlight LCD display with brightness control.
- **MG-401** is used for measurements of varnish layers, isolating – anticorrosion coatings or determining thickness of plastic foil laid on steel.
- High accuracy is ensured by very precise manufacturer's calibration of the probe.
- In case of unusual thickness of the basis, user's calibration on freely chosen thickness points is possible.
- Memory of 3 characteristics of user's calibration.
- Minimal flat surface to measure: 1 cm^2 .
- Minimal diameter of a pipe with a measured varnish: 2,5 cm.
- Alarm function enables setting maximal and minimal value. Exceeding of these values is signalised on the display.
- Built in clock with date.
- Internal datalogger enables storing up to 4000 measurements with time and date.
- Possibility to read the maximal, minimal and average value out of stored results.
- The characteristics, calibration data and measurements results are stored in non-volatile memory.
- Possibility of connecting with a PC by RS-232 output or by optional USB adapter.
- 24 months warranty.



Range	Resolution	Accuracy	Weight	Power	Dimensions (mm)
0 ÷ 1999 μm 0 ÷ 80 mils	0,1/1 μm 0,01 / 0,1 mils	$\pm 1\% \pm 2\text{ }\mu\text{m}$ $\pm 1\% \pm 0.03\text{ mils}$	260 g	Rechargeable batt. 2x 1,5 V, pow. adapter 6 V	L = 149 W = 82 H = 22

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