

## WATERPROOF PRECISE COATING THICKNESS GAUGE MG-405

- Applied for precise measurements of varnish coating thickness, plastics - isolating layers or galvanic layers on steel, aluminium, brass or copper.
- The meter is equipped with a large, easy-to-read backlight LCD display with brightness control.
- Waterproof housing IP-66
- Two ways of measurement:
  1. Non-magnetic coating on magnetic surface
  2. Isolating coating on conducting surface
- Automatic detection of the surface type.
- In case of varnish (paint) measurement on galvanised surface, there is a possibility of measurement of varnish coating thickness together with the zinc coating thickness or only of the varnish coating, thanks this it is possible to calculate the zinc coating thickness.
- One probe enables measurements on various surfaces.
- The result of the measurement is displayed in  $\mu\text{m}$  or mils (1/1000 inch).
- **MG-405** 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.
- High accuracy is ensured by precise calibration and storing of the probe characteristics in the product's memory.
- In case of unusual thickness of the surface 3 point calibration on freely chosen thickness samples is possible.
- 3 characteristics of calibration can be stored in the meter's memory.
- There is a possibility to set a maximal and minimal value, exceeding of them is signalled on the display.
- Minimal flat surface to measure: 1 cm<sup>2</sup>.
- Minimal diameter of a pipe with a measured varnish: 2,5 cm
- Built in real clock and date function.
- Internal memory up to 4000 results with time and date.
- Maximal, minimal and average values of measurements can be read from the stored results.
- Possibility of connecting with a PC by RS-232 output or by optional USB adapter.
- 24 month warranty.



## Technical data

Range	Resolution	Accuracy	Weight	Power	Dimensions (mm)
0 ÷ 1999 $\mu\text{m}$ 0 ÷ 80 mils	0,1/1 $\mu\text{m}$ 0,01 / 0,1 mils	<b>Ferromagnetic basis</b> $\pm 1\% \pm 1 \mu\text{m}$ $\pm 1\% \pm 0.03 \text{ mils}$ <b>Non ferromagnetic basis</b> $\pm 1\% \pm 2 \mu\text{m}$ $\pm 1\% \pm 0.06 \text{ mils}$	260 g	Rechargeable batteries 2x 1,5 V Power adapter 6 V	L = 149 W = 82 H = 22

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