

Celestis NOVA LayerExpert Colour - coating thickness meter

TECHNICAL SPECIFICATIONS

Sensor	FN for ferromagnetic and non-ferromagnetic surfaces
Measuring method	Magnetic induction/Eddy current
Measuring range	0 to 1250 μm
Resolution	> 0,1 μm
Accuracy	$\pm (1\%+1 \mu\text{m})$ of the measuring value
Dimensions (HxWxD)	119 x 52 x 28 mm
Weight	68 g (not including batteries)
Power	2x1,5V battery (AAA)

ATTRIBUTES

- Large and clear colour TFT display (160x128)
- Auto recognition of the substrate material (Fe-ferromagnetic or NFe- non-ferromagnetic)
- Switchable metric/imperial units (mil/ μm switchable)
- Single / Continuous measurement selectable
- Flip display, easy reading at any condition and angle
- 99 data memory (auto shutdown wipes the memory)
- Displaying 5 readings simultaneously for easy data analysis and comparison
- Measuring reading, Average reading, Max. reading, Min. reading and Standard deviation
- Response time: 0.6 sec
- Operation temperature: 0 ~ +50°C



SCOPE OF DELIVERY

- NOVA LayEx Colour thickness meter
- Substrate blocks - 2 pcs. (Steel and aluminium)
- Calibration foils - 1 set
- Carrying case
- User's manual