

Combined Coating Thickness Gauge Low Cost Solution

Automatic substrate identification - on steel/iron and non-magnetic materials

Measuring range 0 - 1250 μm

Easy to use



ComBi D1000

This practical instrument with integrated measuring sensor and easy single button operation offers measured results with high precision. Thanks to its attractive price it has become a cost-effective help for control measurements in production areas, workshops and for quality assurance, in particular, for bodywork and painting plants, painters and house painters, but also for experts and test organisations in the motor vehicle trade.

The **ComBi D1000** is suitable for measurements of non-magnetic coats, such as paints, plastics, chrome, copper, zinc, enamel, etc. on steel and iron and of all insulating coats such as paints, plastics, enamel, paper, glass, rubber, etc. on copper, aluminium, brass, and high-grade steel as well as anodising on aluminium.



Combined coating thickness measurement on iron/steel and nonferrous metals

Technical Specification

Substrates:	Steel & Iron (Fe) as well as non-magnetic metals
Continuous measuring range:	0 - 1250 μm and/or 0 - 50 mils
Resolution:	From 0.0 – 999 in μm , from 1.00 – 3.50 in mm and/or from 0.00 – 140 mils
Accuracy:	$\pm <6\%$ but not less than 3.0 μm or 0.12 mils
Temperature range:	Storage: $-10\text{ }^{\circ}\text{C}$ to $60\text{ }^{\circ}\text{C}$ and/or $14\text{ }^{\circ}\text{F}$ to $140\text{ }^{\circ}\text{F}$ Operation: $0\text{ }^{\circ}\text{C}$ to $60\text{ }^{\circ}\text{C}$ and/or $32\text{ }^{\circ}\text{F}$ to $140\text{ }^{\circ}\text{F}$
Humidity:	$<80\%$
Power supply:	4 x alkaline LR03 Micro 1.5 Volt
Dimensions:	120 x 65 x 27 mm (5.0 x 2.6 x 1.1 inch)
Weight:	120 g with batteries

Application

- Painting shops
- Automotive experts
- Vehicle insurances
- Automotive industry
- Workshops
- Quality control processes
- Bridge construction
- Shipbuilding
- Stock receipt
- Production
- Laboratories

Characteristics

- Automatic detection of the substrate and adjustment of the required measuring method for Fe or nFe
- Immediately ready for measuring without any intricate calibration
- High measuring range from 0 to 1.25 mm
- High measuring precision: $\pm 1 \sim 3\%$ or 2,5 μm
- Suitable for continuous measurements
- V-groove for high precision on round part
- Easy single button operation as well as one-hand operation
- Units switchable from $\mu\text{m}/\text{mm}$ to mils



Certificated
according to
ISO EN 9001

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