

KERN TB 2000-0.1F

KERN

Practical measuring device for measuring the thickness of layers for daily use



Construction

Dimension (W×D×H)	161×69×32 mm
Dimension housing (W×D×H)	161×69×32 mm
Dimensions completely mounted (W×D×H)	161×69×32 mm
Material housing	plastic
Cable length	1 m

Functions

Increase in measurement accuracy possible ✓

Power Supply

Supplied power supply	Battery
Battery	4×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery capacity	2.600 mAh
Battery voltage	1,5 V

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	265×215×71 mm
Net weight	0,26 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,75 kg
Shipping weight	0,8 kg

Services (optional)

Article number for factory calibration	961-110
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Category

Brand	Sauter
Product category	Coating thickness measuring device
Product group	Digital coating thickness gauge
Product family	TB

Measuring System

Units	µm inch (mil)
Tolerance (% of [Max])	3%
Readability coating thickness [d] (µm)	0,1 µm; 1 µm
Minimum thickness coating	300 µm
Measuring range coating thickness [d] (µm)	100 µm; 2000 µm
Offset accur (% of [Max])	1%
Sensor placement position	external
Coating thickness gauge sensor type	FE
Test object thickness coating	Non-magnetic coatings on iron, steel, Type F
Smallest sample, flat [radius]	6 mm
Smallest sample, concave [radius]	25 mm
Smallest sample, convex [radius]	1,5 mm

Approval

CE mark	✓
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Display

Display type	LCD
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Pictograms

STANDARD



OPTION

