

KERN TB 1000-0.1FN

KERN

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



Category

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

Measuring System

Offset accur (% of [Max])	1%
Measuring range coating thickness [d] (µm)	100 µm; 1000 µm
Readability coating thickness [d] (µm)	0,1 µm; 1 µm
Coating thickness gauge sensor type	FE NFE
Test object thickness coating	Non-magnetic coatings on iron, steel, Type F Coatings on non-magnetic metals, type N
Minimum thickness coating	300 µm
Smallest sample, flat [radius]	6 mm
Smallest sample, convex [radius]	1,5 mm
Smallest sample, concave [radius]	25 mm
Sensor placement position	external
Units	µm inch (mil)
Tolerance (% of [Max])	3%

Display

Display type	LCD
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Construction

Dimension (W×D×H)	161×69×32 mm
Dimension housing (W×D×H)	168×68×32 mm
Dimensions completely mounted (W×D×H)	161×69×32 mm
Material housing	plastic
Cable length	1 m

Functions

Increase in measurement accuracy possible	✓
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Power Supply

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

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	50 °C
Storage temperature [Min]	-10 °C
Storage temperature [Max]	40 °C

Services (optional)

Article number for factory calibration	961-112
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	260×218×75 mm
Shipping method	Parcel service
Net weight approx.	0,15 kg
Gross weight approx.	0,95 kg
Shipping weight	0,91 kg

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Pictograms

STANDARD



OPTION

