

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

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 ; 1000 μm
Offset accur (% of [Max])	1%
Sensor placement position	external
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
Smallest sample, flat [radius]	6 mm
Smallest sample, concave [radius]	25 mm
Smallest sample, convex [radius]	1,5 mm

Display

Display type	LCD
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Construction

Dimension (WxDxH)	161x69x32 mm
Dimension housing (WxDxH)	168x68x32 mm
Dimensions completely mounted (WxDxH)	161x69x32 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	4x1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (WxDxH)	260x218x75 mm
Net weight	0,15 kg
Shipping method	Parcel service
Net weight approx.	0,15 kg
Gross weight approx.	0,95 kg
Shipping weight	0,91 kg

Services (optional)

Article number for factory calibration	961-112
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Pictograms

STANDARD



OPTION

