KERN **TB 1000-0.1FN**

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

Category

Brand	Sauter
Product categoriy	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

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	✓

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]	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 (W×D×H)	260×218×75 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