SAUTER **TB 1000-0.1FN**

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



Date of creation: 23.10.2026

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

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

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 / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AA
Battery capacity	2.600 mAh
Battery voltage	1,5 V
Battery – Number of cells	4
Battery – Individual weight	22,6 g
Battery – Total weight	90,4 g
Battery capacity (Wh)	3,9 Wh
Battery – Lithium content	0 g
Battery/Accu connected	not connected, enclosed

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

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

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Shipping weight	0,91 kg
Shipping volume weight	0,9 kg

Product information

GTIN/EAN number	4045761139992
Trade number	90318080
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

