SAUTER **TE 1250-0.1F**

Ergonomic design and external measuring head for highest ease of use



Date of creation: 23.10.2026

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

Measuring System	
Test object thickness coating	Non-magnetic coatings on iron, steel, Type F
Offset accur (% of [Max])	1%
Measuring range coating thickness [Max] (µm)	100 µm; 1250 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]	50 mm
Units	µm inch (mil)
Tolerance (% of [Max])	3%
Coating thickness gauge sensor type	FE
Sensor placement position	external

Display	
Display type	LCD
Display digit height	10 mm

Construction	
Dimension (W×D×H)	131×65×28 mm
Dimension housing (W×D×H)	131×65×28 mm
Dimensions completely mounted (W×D×H)	131×65×28 mm
Material housing	plastic

Functions	
Increase in measurement accuracy possible	✓

Power Supply	
Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	4×1.5 V AAA
Battery operating time	50 h
Battery capacity	1.100 mAh
Battery voltage	1,5 V
Battery – Number of cells	4
Battery – Individual weight	22,6 g
Battery – Total weight	90,4 g
Battery – Construction	Individual cells
Battery capacity (Wh)	1,6 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]	0 °C
Storage temperature [Max]	50 °C

Services (optional)	
Article number for factory calibration	961-110

Packing & Shipping	
Delivery time	1 d
Dimensions packaging (W×D×H)	260×213×70 mm
Shipping method	Parcel service
Net weight approx.	0,10 kg
Gross weight approx.	0,70 kg
Shipping weight	0,8 kg
Shipping volume weight	0,8 kg

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Product information

GTIN/EAN number	4045761140141
Trade number	90318080
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

