

SAUTER TE 1250-0.1FN

KERN

Ergonomic design and external measuring head for highest ease of use



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 Coatings on non-magnetic metals, type N
Offset accur (% of [Max])	1%
Measuring range coating thickness [d] (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%
Sensor placement position	external
Coating thickness gauge sensor type	FE NFE

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
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 AAA
Battery operating time	50 h
Battery capacity	1.100 mAh
Battery voltage	1,5 V
Battery – Number of cells	4
Battery – Individual weight	90,4 g
Battery – Total weight	361,6 g
Battery – Construction	Individual cells
Battery capacity (Wh)	1,6 Wh
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

Approval

CE mark	✓
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Services (optional)

Article number for factory calibration	961-112
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	260×215×73 mm
Shipping method	Parcel service
Net weight approx.	0,10 kg
Gross weight approx.	0,75 kg
Shipping weight	0,8 kg

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Product information

GTIN/EAN number	4045761140134
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

