

KERN 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

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 ; 1250 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]	50 mm
Smallest sample, convex [radius]	1,5 mm

Approval

CE mark	✓
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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	4×1.5 V AAA
Battery / accumulator type	Alkali(-Manganese)
Battery capacity	1.100 mAh
Battery voltage	1,5 V
Battery operating time	50 h

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	50 °C
Storage temperature [Min]	0 °C
Storage temperature [Max]	50 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	260×215×73 mm
Net weight	0,081 kg
Shipping method	Parcel service
Net weight approx.	0,10 kg
Gross weight approx.	0,75 kg
Shipping weight	0,8 kg

Services (optional)

Article number for factory calibration	961-112
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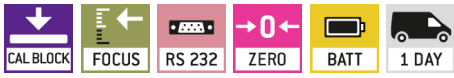
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Pictograms

STANDARD



OPTION

