

# KERN TE 1250-0.1F

# 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	$\mu\text{m}$ inch (mil)
Tolerance (% of [Max])	3%
Readability coating thickness [d] ( $\mu\text{m}$ )	0,1 $\mu\text{m}$ ; 1 $\mu\text{m}$
Minimum thickness coating	300 $\mu\text{m}$
Measuring range coating thickness [d] ( $\mu\text{m}$ )	100 $\mu\text{m}$ ; 1250 $\mu\text{m}$
Offset accur (% of [Max])	1%
Sensor placement position	external
Coating thickness gauge sensor type	FE
Test object thickness coating	Non-magnetic coatings on iron, steel, Type F
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

## 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)	260×213×70 mm
Net weight	0,085 kg
Shipping method	Parcel service
Net weight approx.	0,10 kg
Gross weight approx.	0,70 kg
Shipping weight	0,8 kg

## Services (optional)

Article number for factory calibration	961-110
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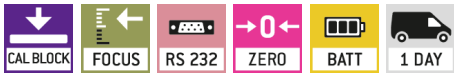
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## Pictograms

### STANDARD



### OPTION

