# SAUTER **TE 1250-0.1FN**

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 Coatings on non-magnetic metals, type N |
| 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<br>inch (mil) |
| Tolerance (% of [Max]) | 3% |
| Coating thickness gauge sensor type | FE<br>NFE |
| 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 |
| 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 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 | 961-112 |

| Packing & Shipping | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 260×215×73 mm |

# SAUTER **TE 1250-0.1FN**

Ergonomic design and external measuring head for highest ease of use

| | |
|---|---|
| Shipping method | Parcel service |
| Net weight approx. | 0,10 kg |
| Gross weight approx. | 0,75 kg |
| Shipping weight | 0,8 kg |
| Shipping volume weight | 0,8 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761140134 |
| Trade number | 90318080 |
| Warranty Time | 36 mon |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD




### OPTION

