



## Ergonomic design and external measuring head for highest ease of use

### Features

- External sensor for difficult-to-access measuring points
- Data interface RS-232 as standard
- Offset-Accur: This function allows you to adjust the instrument precisely on the locally measured range by a two-point calibration. This results in a superior accuracy of 1 % (or less) of the measured value
- Selectable measuring units:  $\mu\text{m}$ , inch (mil)
- Auto-Power-Off
- Type F: Non-magnetic coatings on iron and steel
- Type N: Coatings on non-magnetic metals
- Base plate and calibration foils included
- **1** Delivered in a robust carrying case

### Technical data

- Measuring precision:
  - Standard: 3 % of measured value or  $\pm 2,5 \mu\text{m}$
  - Offset-Accur: 1 % of measured value or  $\pm 1 \mu\text{m}$
- Smallest sample surface (radius)
  - Type F
    - Convex: 1,5 mm
    - Flat: 6 mm
    - Concave: 50 mm
  - Type N
    - Convex: 1,5 mm
    - Flat: 6 mm
    - Concave: 50 mm
- Minimum thickness of base material: 300  $\mu\text{m}$
- Overall dimensions WxDxH 131x65x28 mm
- Battery operation, batteries standard (4x1.5 V AAA)
- Net weight approx. 0,10 kg

### Accessories

- Data transfer software, interface cable included, SAUTER ATC-01
- Calibration foils for increased measuring accuracy (covers the range from 20 up to 2000  $\mu\text{m}$ , with < 3 % tolerance), SAUTER ATB-US07
- **2** External sensor, Type F, SAUTER ATE 01
- **3** External sensor, Type N, SAUTER ATE 02

STANDARD						OPTION	

Model	Measuring range	Readout	Test object	Option
				Factory calibration certificate
SAUTER	[Max] $\mu\text{m}$	[d] $\mu\text{m}$		KERN
TE 1250-0.1F	100   1250	0,1   1	Type F	961-110
TE 1250-0.1N	100   1250	0,1   1	Type N	961-110
TE 1250-0.1FN	100   1250	0,1   1	Combination instrument Type F / Type N	961-112