PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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SAUTER TE 1250-0.1FN

Ergonomic design and external measuring head for highest ease of use

ENGLISH



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FEATURES

- External sensor for difficult-to-access measuring points
- Data interface RS-232 as standard
- Base plate and calibration foils included
- Delivered in a robust carrying case
- 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: µm inch (mil)
- Auto-Power-Off

TECHNICAL DATA

- Measuring precision:
  - Standard: 3% of measured value or ± 2,5 µm
  - Offset-Accur: 1% of measured value or ± 1 µm
- Smallest sample surface (radius)
  - Convex: 1,5 mm
  - Flat: 6 mm
  - Concave: 50 mm
- Minimum thickness of base material: 300 µm
- Overall dimensions W×D×H 131×65×28 mm
- Battery operation, batteries standard (4×1.5 V AAA)
- Net weight approx. 0,10 kg

MAIN SCOPE OF APPLICATIONS

- Automotive industry
- Electroplating and metal finishing
- Shipbuilding and aviation
- Laboratories and quality control
- Construction and building sites

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Measuring range [Max]	Readability [d]	Sensor type
TE 1250-0.1F	100 µm; 1250 µm	0,1 µm; 1 µm	• FE
TE 1250-0.1FN	100 µm; 1250 µm	0,1 µm; 1 µm	• FE • NFE

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ACCESSORIES

Model	Description
ATB-US07	Adjustment foils ATB-US07
ATE 01	Sensor, layer thickness ATE 01 (Type F)
ATE 02	Sensor, layer thickness ATE 02 (Type N)

SOFTWARE

Model	Description
ATC-01	Software ATC-01

SERVICES

Model	Description
961-112	Factory calibration certificate 961-112
970-101	Warranty extension (+2 years) 970-101

KERN Pictogram Overview

	Calibration block: standard for adjusting the measuring device
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	ZERO: Reset the display to 0
	Battery operation: Ready for battery operation
	Package shipment by courier service: The duration of internal product provision is one day
	PC Software: to transfer the measurements from the device to a PC
	Factory calibration (ISO): Factory calibration takes 4 working days

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