PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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SAUTER TB 1000-0.1FN

Practical measuring device for measuring the thickness of layers for daily use

ENGLISH



CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com



FEATURES

- External sensor for difficult-to-access measuring points
- 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
  - Offset-Accur: 1% of measured value
- Smallest sample surface (radius)
  Type F
  - Convex: 1,5 mm
  - Flat: 6 mm
  - Concave: 25 mm
  Type N
  - Convex: 3 mm
  - Flat: 6 mm
  - Concave: 50 mm
- Minimum thickness of base material: 300 µm
- Overall dimensions W×D×H 161×69×32 mm
- Battery operation, batteries standard (4×1.5 V AA)
- Net weight approx. 0,15 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



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MODEL OVERVIEW

Model	Measuring range [Max]	Readability [d]	Sensor type
TB 1000-0.1F	100 µm; 1000 µm	0,1 µm; 1 µm	• FE
TB 1000-0.1FN	100 µm; 1000 µm	0,1 µm; 1 µm	• FE • NFE

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)

SERVICES

Model	Description
961-112	Factory calibration certificate 961-112
970-017	Warranty extension (+3 years) 970-017

KERN Pictogram Overview

	Calibration block: standard for adjusting the measuring device
	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
	Factory calibration (ISO): Factory calibration takes 4 working days