

Your reliable worktool for every day: light, easy, precise

Features

- **External sensor** for difficult-to-access measuring points
- **Base plate and calibration foils** included
- Delivered in a hard 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 approx. 1 % of the measured value
- SAUTER TB 2000-0.1F: Specifically designed for the automobile industry, Precision: Standard 5 % of measured value
- Selectable measuring units: mm, µm, mil
- **Auto-Power-Off**

Technical data

- Precision:
 - Standard: 3 % of measured value
 - Offset-Accur: 1 % of measured value
- Minimal measuring area: 6 mm
- Smallest sample surface (radius) F:
 - Convex: 1,5 mm
 - Concave: 25 mm
- N:
 - Convex: 3 mm
 - Concave: 50 mm
- Minimal base thickness: 0,3 mm
- Dimensions W×D×H 69×32×161 mm
- Battery operation, batteries standard 4× 1.5V AA
- Net weight approx. 0,26 kg

































Accessories

- **Calibration foils** for increased measuring accuracy (covers the range from 20 up to 2000 µm, with < 3 % tolerance), sim. to illustration, SAUTER ATB-US07
- **Sensor**, Typ F, SAUTER ATE 01
- **Sensor**, Typ N, SAUTER ATE 02

STANDARD

OPTION

Model	Measuring range [Max] µm	Readout [d] µm	Test object	Option Factory calibration certificates	
				KERN	
SAUTER TB 1000-0.1F.	100 1000	0,1 1	Non-magnetic coatings on iron, steel (F)	961-110	
SAUTER TB 2000-0.1F.	100 2000	0,1 1	Non-magnetic coatings on iron, steel (F)	961-110	
SAUTER TB 1000-0.1N.	100 1000	0,1 1	Insulating coatings on non-magnetic metals (N)	961-110	
SAUTER TB 1000-0.1FN.	100 1000	0,1 1	Combination instrument: F/N	961-112	

	Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.		Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.		Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.
	Calibration block: standard for adjusting or correcting the measuring device.		Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements.		Power supply: Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.
	Peak hold function: capturing a peak value within a measuring process.		Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.		Motorised drive: The mechanical movement is carried out by a electric motor.
	Scan mode: continuous capture and display of measurements.		PC Software: to transfer the measurements from the device to a PC.		Motorised drive: The mechanical movement is carried out by a synchronous motor (stepper).
	Push and Pull: the measuring device can capture tension and compression forces.		Printer: a printer can be connected to the device to print out the measurements.		Fast-Move: the total length of travel can be covered by a single lever movement.
	Length measurement: captures the geometric dimensions of a test object or the movement during a test process.		GLP/ISO record keeping: of measurements with date, time and serial number. Only with SAUTER printers.		DAkkS calibration possible: The time required for DAkkS calibration is shown in days in the pictogram.
	Focus function: increases the measuring accuracy of a device within a defined measuring range.		Measuring units: Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.		Factory calibration: The time required for factory calibration is specified in the pictogram.
	Internal memory: to save measurements in the device memory.		Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface RS-232: bidirectional, for connection of printer and PC.		ZERO: Resets the display to "0".		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Data interface USB: To connect the balance to a printer, PC or other peripheral devices.		Battery operation: Ready for battery operation. The battery type is specified for each device.		Warranty: The warranty period is shown in the pictogram.
	Data interface Infrared: To transfer data from the balance to a printer, PC or other peripheral devices.		Rechargeable battery pack: rechargeable set.		

Your SAUTER specialist dealer:

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