







Your constant companion - compact and easy to use

Features

- Ergonomic design for easy handling
- Data interface RS-232, included
- Base plate and calibration foils included
- 2 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
- Selectable measuring units: µm, mil

■ SAUTER TC 1250-0.1FN-CAR:

- Specifically designed for the automobile industry
- Automatic recognition of measuring mode (F or N): "point and shoot"
- Simple and convenient 1-key operation

Technical data

- Precision:
- Standard: 3 % of measured value or \pm 2,5 μm
- Offset-Accur: 1 % of measured value or \pm 1 μm
- Minimal base thickness: 0,3 mm
- Dimensions WxDxH 65x28x131 mm
- Battery operation, batteries standard
 4 x 1.5 V AAA
- Net weight approx. 81 g

Accessories

- **Software**, interface cable included, SAUTER ATC-01
- Calibration foils for increased measuring accuracy (covers the range from 20 up to 2000 µm, with < 3 % tolerance), SAUTER ATB-US07

STANDARD



















Model SAUTER	Measuring range [Max] µm	Readout [d] µm	Test object	Smallest sample surface (radius) mm	Option ISO Calibration Certificate
					ISO KERN
TC 1250-0.1F.	100 1250	0,1 1	Coatings on steel and iron (F)	F:	961-110
TC 1250-0.1N.	100 1250	0,1 1	Insulating coatings on non-magnetic metals (N)	Convex: 1,5 Concave: 25	961-110
TC 1250-0.1FN.	100 1250	0,1 1	Combination instrument: F/N	N: Convex: 3	961-112
TC 1250-0.1FN-CAR.	100 1250	0,1 1	Combination instrument: F/N	Concave: 50	961-112

SAUTER Pictograms:





Adjusting program (CAL):

For quick setting of the balance's accuracy. External adjusting weight required.



Data interface Infrared:

(optocoupler, digital I/O):

To transfer data from the balance to a printer, PC or other peripheral devices.



Battery operation:

Ready for battery operation. The battery type is specified for each device.



Rechargeable battery pack:

rechargeable set.



Calibration block:

measuring process.

standard for adjusting or correcting the measuring device.





SWITCH

Analogue interface:

Control outputs

to connect a suitable peripheral device for analogue processing of the measurements.

to connect relays, signal lamps, valves, etc.



ACCU

Mains adapter:

230V/50Hz in standard version for EU. On request GB, AUS or USA version available.



PEAK

Scan mode:

Push and Pull:

continuous capture and display of measurements.



Statistics:

using the saved values, the device calculates statistical data, such as average value, standard deviation etc.



Power supply:

Integrated, 230V/50Hz in EU. More standards e.g. GB, AUS or USA on request.

by a single lever movement.



PC Software:

to transfer the measurements from the device to a PC.



Motorised drive:

The mechanical movement is carried out by a motorised drive.



Length measurement:

and compression forces.

captures the geometric dimensions of a test object or the movement during a test process.

the measuring device can capture tension



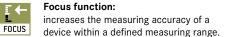
Printer:

a printer can be connected to the device to print out the measurements.



Fast-Move:

the total length of travel can be covered





GLP/ISO record keeping:

of measurements with date, time and serial number. Only with SAUTER printers.



ISO Calibration:

The time required for ISO calibration is shown in days in the pictogram.



Internal memory:

to save measurements in the device memory.

Data interface RS-232:

bidirectional, for connection



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.



Measuring with tolerance range:

Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.



1 DAY

in days in the pictogram.

Package shipment:

Pallet shipment: The time required for internal shipping preparations is shown

The time required for internal

shipping preparations is shown



ZERO:

Resets the display to "0".



Warranty:

The warranty period is shown in the pictogram.

in days in the pictogram.



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RS 232

Data interface USB:

of printer and PC.

To connect the balance to a printer, PC or other peripheral devices.



Your SAUTER specialist dealer: