Digital coating thickness gauges SAUTER TF · TG

SAUTER TF

SAUTER TG

Premium measuring devices for paint coating, lacquer coating etc.

Features
- LCD display, backlit, display of all information at a glance
- 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
- Scan mode for continuous measurement or single point measuring mode
- Mini Statistics Kit: displays the measured result, the average value and the max and the min value
- Internal memory up to 99 values
- Selectable measuring units: µm, mil
- Base plate and calibration foils included
- Data interface RS-232 standard
- Delivered in a robust carrying case, figure shows SAUTER TF

SAUTER TG:
- External sensor for difficult-to-access measuring points

Technical data
- Precision:
  - Standard: 3 % of measured value or ± 2,5 µm
  - Offset-Accur: 1 % of measured value or ± 1 µm
- Minimal base thickness: 0,3 mm
- Dimensions W×D×H 65×35×126 mm
- Battery operation, batteries standard 2× 1.5V 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
- SAUTER TG: External sensor, TypeFN, SAUTER ATG 01

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### Adjusting program (CAL):
For quick setting of the balance’s accuracy. External adjusting weight required.

### Calibration block:
Standard for adjusting or correcting the measuring device.

### Peak hold function:
Capturing a peak value within a measuring process.

### Scan mode:
Continuous capture and display of measurements.

### Push and Pull:
The measuring device can capture tension and compression forces.

### Length measurement:
Captures the geometric dimensions of a test object or the movement during a test process.

### Focus function:
Increases the measuring accuracy of a device within a defined measuring range.

### Internal memory:
To save measurements in the device memory.

### Data interface RS-232:
Bidirectional, for connection of printer and PC.

### Data interface USB:
To connect the balance to a printer, PC or other peripheral devices.

### Data interface Infrared:
To transfer data from the balance to a printer, PC or other peripheral devices.

### Control outputs (optocoupler, digital I/O):
To connect relays, signal lamps, valves, etc.

### Analogue interface:
To connect a suitable peripheral device for analogue processing of the measurements.

### Statistics:
Using the saved values, the device calculates statistical data, such as average value, standard deviation etc.

### PC Software:
To transfer the measurements from the device to a PC.

### Printer:
A printer can be connected to the device to print out the measurements.

### GLP/ISO record keeping:
Of measurements with date, time and serial number. Only with SAUTER printers.

### 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 (limit-setting function):
Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model.

### Battery operation:
Ready for battery operation. The battery type is specified for each device.

### GLP/ISO record keeping:
To transfer the measurements from the device to a PC.

### Motorised drive:
The mechanical movement is carried out by a synchronous motor (stepper).

### Fast-Move:
The total length of travel can be covered by a single lever movement.

### Motorised drive:
The mechanical movement is carried out by a synchronous motor (stepper).

### GLP/ISO record keeping:
The time required for DAkkS calibration is shown in days in the pictogram.

### Factory calibration:
The time required for factory calibration is specified in the pictogram.

### DAkkS calibration possible:
The time required for DAkkS calibration is shown in days in the pictogram.

### Package shipment:
The time required for internal shipping preparations is shown in days in the pictogram.

### Pallet shipment:
The time required for internal shipping preparations is shown in days in the pictogram.

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**Your SAUTER specialist dealer:**