



Premium motorised test stand for force measuring with highest demands

Features

- Easy to use
- Efficient working
- Robust design and heavy duty metal construction
- Solid and flexible possibilites of fixation (see accessory page 21)

Technical data

- Maximum tensile and compressive force: 500 N (Standard)
- Minimum distance between left and right object fastening: 30 mm
- Maximum travel length: 250 mm (protected by electronic end switches)
- Overall dimensions LxWxH 550x170x345 mm
- Net weight approx. 35 kg

Accessories

- **Digital length measuring device**, measuring range 200 mm, readout 0,01 mm, details see page 27, SAUTER LB 200-2.
- Mounting the length measuring device onto a SAUTER test stand at the factory, SAUTER LB-A02











| Model | Measuring range | Speed range | |
|----------------|-----------------|-------------|--|
| | [Max] | | |
| SAUTER | N | mm/min | |
| THM 500N500. | 500 | 50 - 500 | |
| THM 1000N250.* | 1000 | 50 - 250 | |

SAUTER Pictograms:





Adjusting program (CAL):

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



Data interface Infrared:

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.



Calibration block:

standard for adjusting or correcting the measuring device.



Control outputs (optocoupler, digital I/O):

to connect relays, signal lamps, valves, etc.



Rechargeable battery pack:

rechargeable set.



Peak hold function:

capturing a peak value within a measuring process.



Analogue interface:

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



Mains adapter:

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



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



Focus function:

increases the measuring accuracy of a device within a defined measuring range.



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.



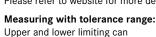
Internal memory:

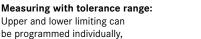
to save measurements in the device memory.



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.







1 DAY

Pallet shipment:

Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram.

The time required for internal

shipping preparations is shown in days in the pictogram.



Warranty: The warranty period is shown in the pictogram.



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.



TOL

ZERO:

Resets the display to "0".

e.g. for sorting and dosing.

Your SAUTER specialist dealer: