



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 possibilities 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

STANDARD



































OPTION



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

■ * ONLY WHILE STOCKS LAST

	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: 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.
	Push and Pull: the measuring device can capture tension and compression forces.		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: captures the geometric dimensions of a test object or the movement during a test process.		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.
	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.		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.		Measuring with tolerance range: Upper and lower limiting can be programmed individually, e.g. for sorting and dosing.		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.		ZERO: Resets the display to "0".		Warranty: The warranty period is shown in the pictogram.

Your SAUTER specialist dealer: