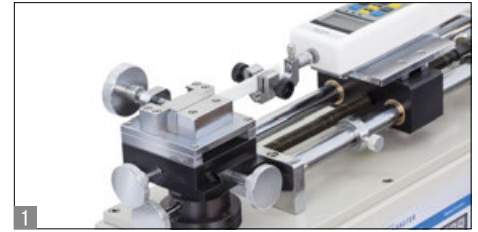


THM 500N500S



Motorised test stand with digital display for horizontal force measurement where highest standards are required

Features

- **New: Step motor for greatest ease of use only at THM 500N500S**
 - for constant speed from the smallest to the maximum load
 - allows testing at minimum speed and full load
 - for higher positioning accuracy. Precise starting and stopping, without follow-up movement, even at high speeds
 - precise adjustment of the process speed using the information shown on the display
- **Easy to use**
- Efficient working
- Robust design and heavy duty metal construction
- **Linear adjustable jaw vice**
The clamping vice can be locked and finely adjusted sideways and up/down using the setting wheel (THM 500N500N)
- **Repeat function** for fatigue tests
- Digital speed display to read the process speed straightaway
- **Premium operating panel:**
 - Digital speed display
 - Digital repeat function display
 - Control of the test stand using PC software SAUTER AFH

- **Figure 2** shows the premium operating panel of SAUTER THM 500N500N
- **Solid and versatile fixing options** of SAUTER force measuring devices, see accessory page 30 et seq.
- Suitable for all SAUTER force measuring devices up to 500 N (not supplied with the product)

Technical data

- **THM-N:**
 - Minimum distance between left and right object fastening: 30 mm
 - Maximum travel length: 220 mm (protected by electronic end switches)
 - Overall dimensions WxDxH 170x345x550 mm
 - Net weight approx. 35 kg
- **THM-S:**
 - Maximum travel length: 240 mm (protected by electronic end switches)
 - Overall dimensions WxDxH 695x235x300 mm
 - Net weight approx. 48 kg

Accessories

- **Digital length measuring device**, measuring range 200 mm, readout 0,01 mm, details see page 38, SAUTER LB 200-2., € 1050,-
- **Mounting the length measuring device LB** onto a SAUTER test stand at the factory, SAUTER LB-A02, € 190,-
- **Linear potentiometer for length measurement**, measuring range: 300 mm, readout: 0.01 mm, for details see page 39, SAUTER LD, from € 590,-
- **Mounting the length measuring device** onto a SAUTER test stand at the factory, SAUTER LD-A06, € 260,-
- Only THM-S: **Force-displacement data transfer software** with graphical representation of the measuring process, only in combination with SAUTER LD, SAUTER AFH LD, € 250,-
- **Force-time data transfer software** for graphical representation on the PC and data transfer to Microsoft Excel®, SAUTER AFH FAST, € 115,-
- **Force-displacement data transfer software** with graphic display of the measurement process, only in combination with SAUTER LB, SAUTER AFH FD, € 650,-
- Only THM-N: **Data transfer software for repeat tests**, only in combination with SAUTER LB, SAUTER AFH FGT, € 850,-

STANDARD		OPTION	
THM	THM-S		SOFTWARE

Model	Measuring range	Speed range	Motor	Price excl. of VAT ex works €
	[Max] N	mm/min		
SAUTER THM 500N500N	500	50-500	Electric motor	2250,-
SAUTER THM 500N500S	500	1-500	Step motor	3490,-