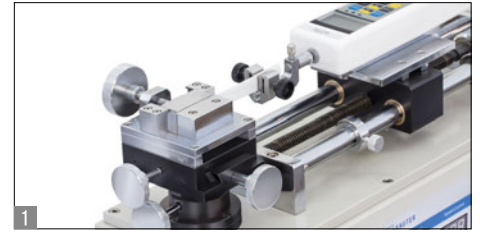


THM 500N500S



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

Features

- 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
- **1** 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

- **2** Figure shows the premium operating panel of SAUTER THM 500N500N
- Solid and versatile fixing options of SAUTER force measuring devices, see accessory page 35 et seq.
- Suitable for all SAUTER force measuring devices up to 500 N (not supplied with the product)

Technical data

3 THM-N:

- Minimum distance between left and right object fastening: 30 mm
- Maximum travel distance: 220 mm (protected by electronic end switches)
- Overall dimensions W×D×H 550×170×345 mm
- Net weight approx. 35 kg

THM-S:

- Maximum travel distance: 240 mm (protected by electronic end switches)
- Overall dimensions W×D×H 695×235×300 mm
- Net weight approx. 48 kg

Accessories

- Only THM-S: Linear potentiometer for length measurement, measuring range: 300 mm, readout: 0.01 mm, for details see page 46, SAUTER LD, **€ 630,-**
- Mounting the length measuring device onto a SAUTER test stand at the factory, SAUTER LD-A06, **€ 290,-**
- Only THM-S:
 - Data transfer software with graphical representation of the measuring process, Force-time SAUTER AFH FAST, **€ 115,-**
 - Force-displacement only in combination with SAUTER LD, SAUTER AFH LD, **€ 250,-**

STANDARD		OPTION	
THM-N	THM-S		

Model	Measuring range [Max] N	Speed range mm/min	Motor	Price excl. of VAT ex works €
SAUTER THM 500N500N	500	50-500	Electric motor	2580,-
THM 500N500S	500	1-500	Step motor	3670,-