



**Premium test stand in table-top version – with precise step motor
– also available as a set**



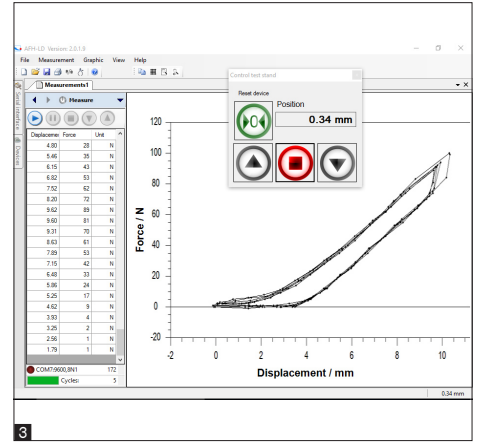
Solid and flexible fixing options for many clamps and accessories from the SAUTER product range, see *accessories*



A wide range of application possibilities because of its large travelling distance



Interface for data transmission from the SAUTER FH measuring device and for controlling the test stand with SAUTER AFH software



Features

- Motorised test stand for tension/compression force measurements. **1** Also available as a practical set TVO-LD for force-displacement-measurements in laboratory and industry
- Stepper motor for greatest ease of use
 - 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 overrun, even at high speeds
 - precise adjustment of the displacement speed using the information shown on the display
- Automatic or manual operation mode
- **2** Premium operating panel:
 - Digital speed display
 - Digital repeat function display
 - Control of the test stand using PC software SAUTER AFH **3**
- Table-top design for comfortable operation
- Robust construction
- Fixation of SAUTER force measuring devices up to 2 kN possible

1 SAUTER TVO-LD

- Five in one – motorised test stand, length measuring system LD, interface cable, data transfer software AFH LD, interface converter AFH 12 and mounting
- With linear potentiometer for length measurement to create force-displacement diagrams on PC, maximum measuring range 300 mm / 500 mm / 700 mm, readability 0,01 mm, measuring accuracy 0.5 % of [Max], USB-A cable 1,5 m, high data acquisition speed

Technical data

- Speed accuracy: 0,5 % of [Max]
- Positioning accuracy when shutting down: ± 0,05 mm

Accessories

- Only TVO-S: Data transfer software with graphic display of the measurement process, force-time, SAUTER AFH FAST

STANDARD				OPTION	
TVO-LD	TVO-LD			TVO	

Model	Measuring range	Speed range	Maximum travel distance
	[Max] N	[Max] mm/min	mm
SAUTER			
TVO 500N500S	500	1 – 500	270
TVO 1000N500S	1000	1 – 500	500
TVO 2000N500S	2000	1 – 500	700
Sets incl. test stand, length measuring system, interface cable, software AFH LD, assembly:			
TVO 500N500S-LD	500	1 – 500	270
TVO 1000N500S-LD	1000	1 – 500	500
TVO 2000N500S-LD	2000	1 – 500	700