

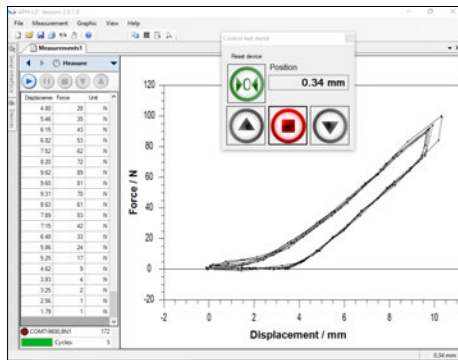


Premium test stand with step motor for precise testing up to 50 kN

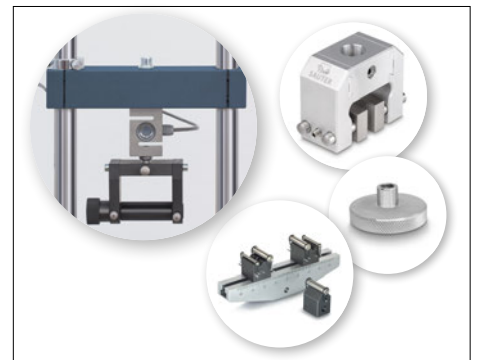


Premium operating panel

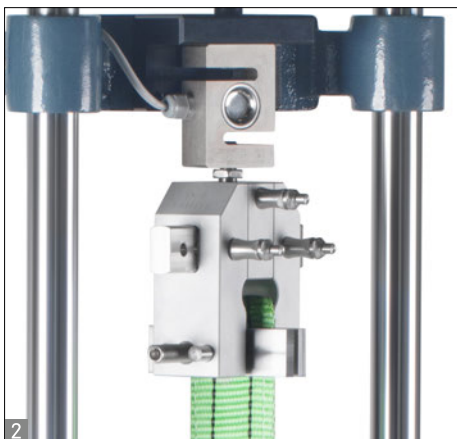
- Digital speed display: shows the displacement speed
- Digital repeat function for long-term stress test



Control of the test stand using SAUTER PC software AFH



Solid and flexible fixing options for many terminals and accessories from the SAUTER product range, see accessories on page 35 et seq.



Features

- Motorised test stand for tension/compression force testing
- Step 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 follow-up movement, even at high speeds
 - precise adjustment of the process speed with indication on the display
- Maximum travel distance protected by electronic end switches
- Large working area by means of long guide columns as standard, which allows a wide range of fixing options
- SAUTER LA length measuring device as standard, to read the measurement range with a readout of 0.01 mm
- Particularly flexible mounting options for the most variable force measuring devices, such as, SAUTER FC, FH, FA, FK, FL:
 - 1 Direct mounting of measuring devices with internal load cell up to [Max] of 500 N (only at TVS 5000N240N)
 - 2 Direct mounting of the external measuring cell on the traverse, from 1000N measurement range and higher
 - 3 Mount for force-measuring devices from the SAUTER FH range with external measuring cell
- The large figure shows the TVS test stand with: SAUTER FH force measuring device, SAUTER LD length measuring device, longer guide columns as well as mount for force measuring device and test objects, not supplied with the product
- For force-displacement testing: Please order SAUTER LD length measuring device and software AFH LD as well as the factory fitting of the length measuring device with the product

Technical data

- Speed accuracy: 1 % of [Max]
- Positioning accuracy when shutting down: ± 0,05 mm

Accessories

- 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 LD onto a SAUTER test stand at the factory, SAUTER LD-A06, € 290,-
- Data transfer software with graphic display of the measurement process, Force-time SAUTER AFH FAST, € 115,- Force-displacement, only in combination with SAUTER LD, SAUTER AFH LD, € 250,-
- 3 Mount for force measuring devices from the SAUTER FH range with external load cell, SAUTER TVM-A01, € 80,-

STANDARD OPTION

STEPPER
 2 DAYS
 SCALE
 SOFTWARE

Model	Measuring range [Max] N	Speed range mm/min	Maximum travel distance mm	Length of columns mm	Price excl. of VAT ex works €
SAUTER					
TVS 5000N240	5000	1-240	210	1135	4900,-
TVS 10KN100	10000	1-200	210	1135	6070,-
TVS 20KN100	20000	1-70	210	1135	6090,-
TVS 30KN80*	30000	1-70	210	1135	6150,- ↓
TVS 50KN80	50000	1-70	210	1135	8650,-

* ONLY WHILE STOCKS LAST!

↓ Price reduction