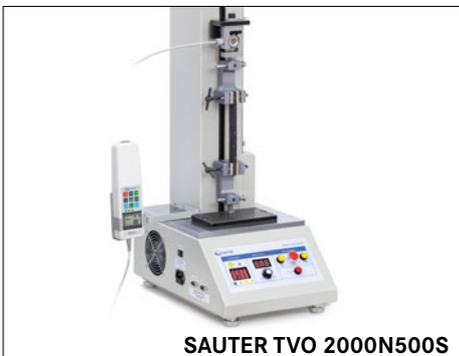




SAUTER TVO 1000N500S

Premium test stand in table-top version  
- with precise step motor



SAUTER TVO 2000N500S

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



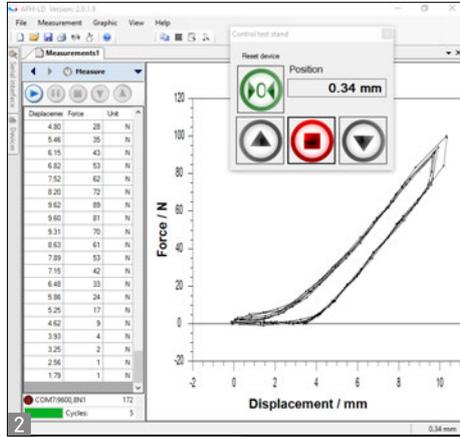
A wide range of application possibilities because of its large travelling distance



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

# Motorised vertical test stand SAUTER TVO-S

01



## 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 overrun, even at high speeds
  - precise adjustment of the process speed using the information shown on the display
- Automatic or manual process mode
- **1** Premium operating panel
  - Digital speed display
  - Digital repeat function
  - **2** Control of the test stand using PC software SAUTER AFH
- Table-top version for easy operation
- Robust construction
- Fixation of SAUTER force measuring devices up to 2 kN possible
- The large diagram shows the TVO 1000N500S test stand with: SAUTER FH force measuring device, length measuring device SAUTER LD as well as mounts for the force measuring device and test objects (not supplied with the product)

## Technical data

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

## Accessories

- Linear potentiometer for length measurement, measuring range: 300 mm or 700 mm (for TVO 1000/2000), 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,-**
- 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** Holder for force gauges with external measuring cell on test stands, for comfortable reading of the measured value, SAUTER TVO-A01, **€ 110,-**

|                   |                   |
|-------------------|-------------------|
| <b>STANDARD</b>   | <b>OPTION</b>     |
| STEPPER<br>2 DAYS | SCALE<br>SOFTWARE |

| Model                       | Measuring range<br>[Max]<br>N | Speed range<br>mm/min | Maximum travel distance<br><b>2</b><br>mm | Overall dimensions<br>W×D×H<br>mm | Price<br>excl. of VAT<br>ex works<br>€ |
|-----------------------------|-------------------------------|-----------------------|---|-----------------------------------|--|
| <b>SAUTER TVO 500N500S</b>  | 500                           | 1-500                 | 300                                       | 236×428×570                       | <b>3420,-</b>                          |
| <b>SAUTER TVO 1000N500S</b> | 1000                          | 1-500                 | 500                                       | 265×405×980                       | <b>3490,-</b>                          |
| <b>SAUTER TVO 2000N500S</b> | 2000                          | 1-500                 | 700                                       | 300×465×1185                      | <b>4950,-</b>                          |