

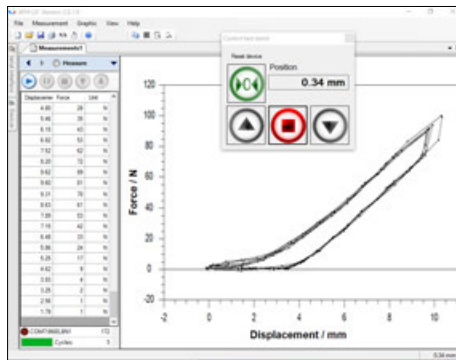
01



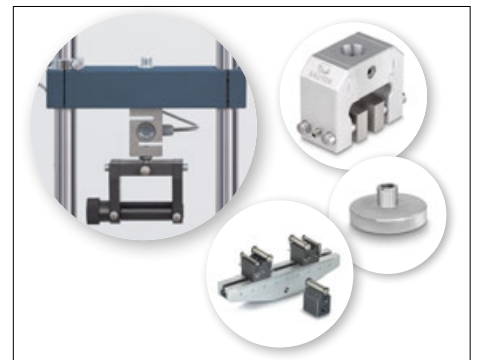
Test stand with electric motor for standard measurements  
 – now with longer guide columns



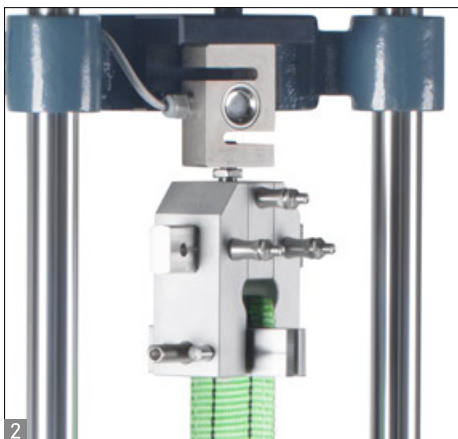
**Premium operating panel**  
 - Digital speed display  
 - Digital repeat function



Control of the test stand using SAUTER PC software AFH



**Solid and flexible possibilities of fixation** for supports of test objects, as well as universal force measuring clamps, inox ball heads for compression and fracture tests, bending devices etc., see accessories page 30ff



**Features**

- **Force controlled automatic switchoff**, Teststop after achieving an adjusted limit load, only in combination with a SAUTER FH force gauge
- Maximum travel distance protected by electronic end switches
- **SAUTER LA length measuring device as standard**, to read the travel distance 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 with TVM 5000N230N. and TVM 10KN120N.)
  - 2 Direct mounting of the external measuring cell on the traverse, from 1000N measurement range and higher (only for TVM-N. ≥ 20 kN)
  - 3 Mount for force-measuring devices from the SAUTER FH range with external measuring cell
- The large figure shows the TVM-N test stand with: SAUTER FH force measuring device, SAUTER LB length measuring device, longer guide columns as well as mount for force measuring device and test objects, not supplied with the product

**Technical data**

- Speed accuracy: 3 % of [Max]
- Initial height of the mounting plate from the upper edge of the motor housing: 171 mm
- Maximum stroke of the mounting plate: 385 mm
- Minimal distance between mounting plate and underside of the upper device mounting: 85 mm
- For dimensional drawing see operating instructions on [www.sauter.eu/en/TVM-N/...TVM-NL](http://www.sauter.eu/en/TVM-N/...TVM-NL)
- Net weight on request

**Accessories**

- **Length measuring device SAUTER LB**, SAUTER LB 300-2., **€ 1150,-**
- **Mounting the length measuring device LB** onto a SAUTER test stand at the factory, SAUTER LB-A02, **€ 190,-**
- **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,-**
- 3 **Mount for force measuring devices** from the SAUTER FH range with external load cell, SAUTER TVM-A01, **€ 65,-**
- **Longer columns** with the same travel distance, up to 500 mm, SAUTER AFH 18, **€ 560,-**

STANDARD		OPTION	

Model	Measuring range [Max] N	Speed range mm/min	Max. travelling distance mm	Length of columns mm	Price excl. of VAT ex works €
<b>SAUTER</b>					
<b>TVM 5000N230N.</b>	5000	10-230	210	635	<b>1910,-</b>
<b>TVM 5000N230NL</b>	5000	10-230	210	1135	<b>2050,-</b>
<b>TVM 10KN120N.</b>	10000	30-120	210	1135	<b>2600,-</b>
<b>TVM 20KN120N.</b>	20000	30-120	210	1135	<b>3390,-</b>
<b>TVM 30KN70N.</b>	30000	5-70	210	1135	<b>4000,-</b>