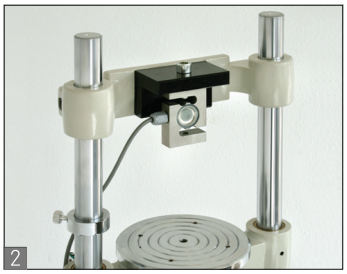
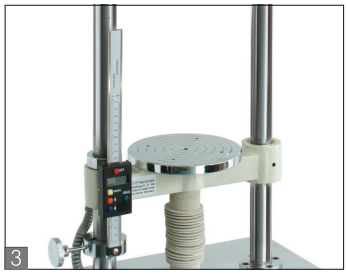
Motorised vertical test stand SAUTER TVM-N











Premium motorised test stand for professional force measurements

Features

- 1 Premium operation panel:
  - Digital speed display
  - Digital repeat function display
- **Force controlled automatic switchoff** (Teststop after achieving an adjusted limit load), only when used with force gauge SAUTER FH
- **Repeat function** for durability tests (multiple up and down, adjustable)
- **Digital speed display**: shows the displacement speed
- **Various possibilities for fixture mountings** (see accessory)
- 2 Possibilitities to attach force gauges (for SAUTER FH, FA, FK, FL):
  - Force gauges with internal sensor (up to 500 N capacity), only for SAUTER TVM 5000N230N, SAUTER TVM 10KN120N
  - Force gauges with external sensor (starting at 1,000 N capacity)
- Large illustration with length measuring unit, force gauge and mount for test objects (not included)

Technical data

- Maximum length of travel: 214 mm (protected by electronic end switches)
- Speed accuracy: 3 % of [Max]
- Initial height of the base plate: 171 mm
- Maximum travel of the base plate: 385 mm
- Minimum distance between base plate and bottom of upper object mounting: 85 mm
- Overall dimensions LxWxH 400x256x1015 mm
- Net weight approx. 58 kg

Accessories

- 3 **Digital length measuring device**, measuring range 300 mm, readout 0,01 mm, details see page 24, SAUTER LB 300-2.
- Mounting the length measuring device onto a SAUTER test stand at the factory, SAUTER LB-A02
- **Longer guide columns** at the same length of travel, up to 500 mm, SAUTER AFH 18

STANDARD



OPTION



Model SAUTER	Measuring range [Max] N	Speed range mm/min	
TVM 5000N230N.	5000	10 - 230	
TVM 10KN120N.	10000	30 - 120	
TVM 20KN120N.	20000	30 - 120	
TVM 30KN70N.	30000	5 - 70	