SC METROMAT SRL

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Standuri automatizate pt. incercari tractiune-compresiune, seria TVM-N.

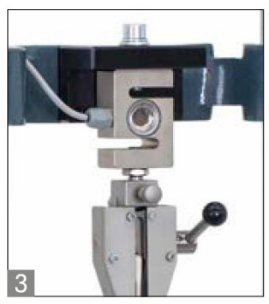
Motorised vertical test stand SAUTER TVM-N · TVM-NL



NEW











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

Features

- **New:** Longer guide columns as standard, for greater range of movement or longer test objects, and as a result, it is optimised for new fixing options
- 1 **Premium operating panel**
  - Digital speed display
  - Digital repeat function
  - Control of the test stand using SAUTER AFH PC software
- **Force controlled automatic switchoff**, Teststop after achieving an adjusted limit load, only in connection with a SAUTER FH force gauge
- **Repeat function** for fatigue tests (multiple up and down), adjustable
- **Digital speed display** so that you read the process speed straightaway
- Maximum travel ensured by electronic end switch
- SAUTER LA length measuring device as standard, to read the measurement range with a readout of 0.01 mm
- **Solid and versatile fixing options** of SAUTER force measuring devices, see accessory page 26 et seqq.
- Many fixation options of force measuring devices, such as SAUTER FH, FA, FK, FL:
  - 2 Force gauges with internal sensor up to 500 N capacity (only TVM 5000N230N and TVM 10KN120N)
  - 3 Force gauges with external sensor starting from 1.000 N capacity
  - 4 cross beam for TVM-N. ≥ 20 KN
  - 5 side mount for the force measuring device for devices with external measuring cell, SAUTER TVM-A01
- The big illustration shows the test stand TVM-N with length measuring device SAUTER LB, readout 0.01mm. Force gauge and mount for force gauge and test objects are not included in delivery

Technical data

- Process speed: 3 % tolerance
- Speed accuracy: 3 % of [Max]
- Initial height of the mounting plate from the upper edge of the motor housing: 171 mm
- Maximum lift of the mounting plate: 385 mm
- Minimal distance between the mounting plate and the underside of the upper device mounting: 85 mm
- Overall dimensions WxDxH 410x255x1550 mm
- Net weight on request

Accessories

- **Digital length measuring device**, measuring range 300 mm, readout 0,01 mm, details see page 36, SAUTER LB 300-2.
- **Mounting the length measuring device** onto a SAUTER test stand at the factory, SAUTER LB-A02
- Mount for measuring device, e.g. SAUTER FH, FA, FK, FL, SAUTER TVM-A01
- **Longer columns** with the same travel distance, up to 500 mm, SAUTER AFH 18

STANDARD



OPTION



Model **SAUTER**	Measuring range [Max] N	Speed range mm/min	Length of columns mm	Max. travelling distance mm	
TVM 5000N230N.	5000	10 – 230	635	214	
TVM 5000N230NL	5000	10 – 230	1135	214	
TVM 10KN120N.	10000	30 – 120	1135	214	
TVM 20KN120N.	20000	30 – 120	1135	214	
TVM 30KN70N.	30000	5 – 70	1135	214	

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