SAUTER CATALOGUE 2020

Manual test stands SAUTER TVP · TVP-L





Manual test stands for compressive force measurements, also with digital length measurement

Features

- 1001
- Provides quick and consistent testing
- High level of security with repeated measurements
- Provides maximum versatility and precise measuring results
- Slide construction for distance measurement
- Large base plate with high versatility of fastening objects
- Can be used for force gauges up to 500 N
 (not included)

TVP-L.:

- Digital length meter
- Measuring range: 100 mm
- Readout: 0,01 mm
- Zero setting possible
- Pre-length can be set manually



Model	Measuring range	
SAUTER	[Max] N	
TVP.	500	
TVP-L.	500	

Technical data

- Maximum height of working area: 315 mm
- Maximum stroke length: 78 mm
- Overall dimensions W×D×H 150×233×420 mm
- Net weight approx. 10,5 kg

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Pictograms



Adjusting program (CAL): For quick setting of the instrument's accuracy. External adjusting weight required.



Calibration block:

standard for adjusting or correcting the measuring device.



Peak hold function: capturing a peak value within a measuring process.

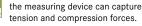


continuous capture and display of measurements



Push and Pull:

Scan mode:



Length measurement:

captures the geometric dimensions of a test object or the movement during a test process.



SCALE

Focus function:

increases the measuring accuracy of a device within a defined measuring range.



Internal memory:

to save measurements in the device memory.



Data interface RS-232:

bidirectional, for connection of printer and PC.



Data interface USB:

To connect the measuring instrument to a printer, PC or other peripheral devices.



WLAN data interface:

To transfer data from the balance to a printer, PC or other peripherals.



Data interface Infrared:

To transfer data from the measuring instrument to a printer, PC or other peripheral devices.

Your KERN specialist dealer:



Control outputs (optocoupler, digital I/O): to connect relays, signal lamps, valves, etc.



to connect a suitable peripheral device for ANAL OG analogue processing of the measurements



using the saved values, the device calculates STATISTIC statistical data, such as average value, standard deviation etc.



to transfer the measurement data from the device to a PC



a printer can be connected to the device to PRINT print out the measurement data.

Network interface: Ċ

For connecting the scale to an Ethernet LAN network.

KCP
PROTOCO

KERN Communication Protocol (KCP): It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other



GLP/ISO record keeping:

of measurement data with date, time and serial PROTOCOL number. Only with SAUTER printers



Measuring units:

digital systems.

Weighing units can be switched to e.g. non-metric at the touch of a key. Please refer to website for more details.



Measuring with tolerance range

(limit-setting function): Upper and lower limiting can be programmed individually. The process is supported by an audible or visual signal, see the relevant model





FAST-MOVE

The mechanical movement is carried

out by a synchronous motor (stepper).



the total length of travel can be covered by a single lever movement.



DAkkS calibration possible:

The time required for DAkkS calibration is shown in days in the pictogram.



Factory calibration:

The time required for factory calibration is specified in the pictogram.



Package shipment:

1 DAY

The time required for internal shipping preparations is shown in days in the pictogram.



Pallet shipment: The time required for internal shipping

preparations is shown in days in the pictogram.

Motorised drive:

ZERO:

→N←

(IIII)

230 V

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