



# Sauter GmbH

Ziegelei 1  
D-72336 Balingen  
e-mail: [info@kern-sohn.com](mailto:info@kern-sohn.com)

Phone : +49-[0]7433- 9933-0  
Fax: +49-[0]7433-9933-149  
Internet: [www.sauter.eu](http://www.sauter.eu)

## Instruction manual manual test bench

### SAUTER TVL-XS

Version 2.0  
04/2020  
GB



PROFESSIONAL MEASURING

TVL\_XS-BA-d-2020



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V. 2.0 04/2020

## Instruction manual manual test bench

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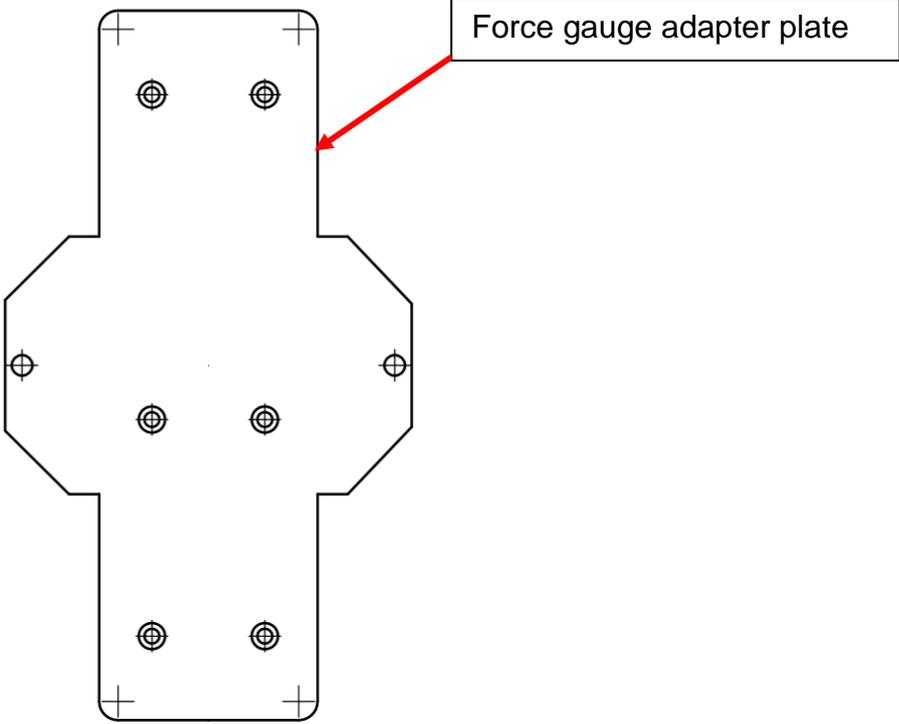
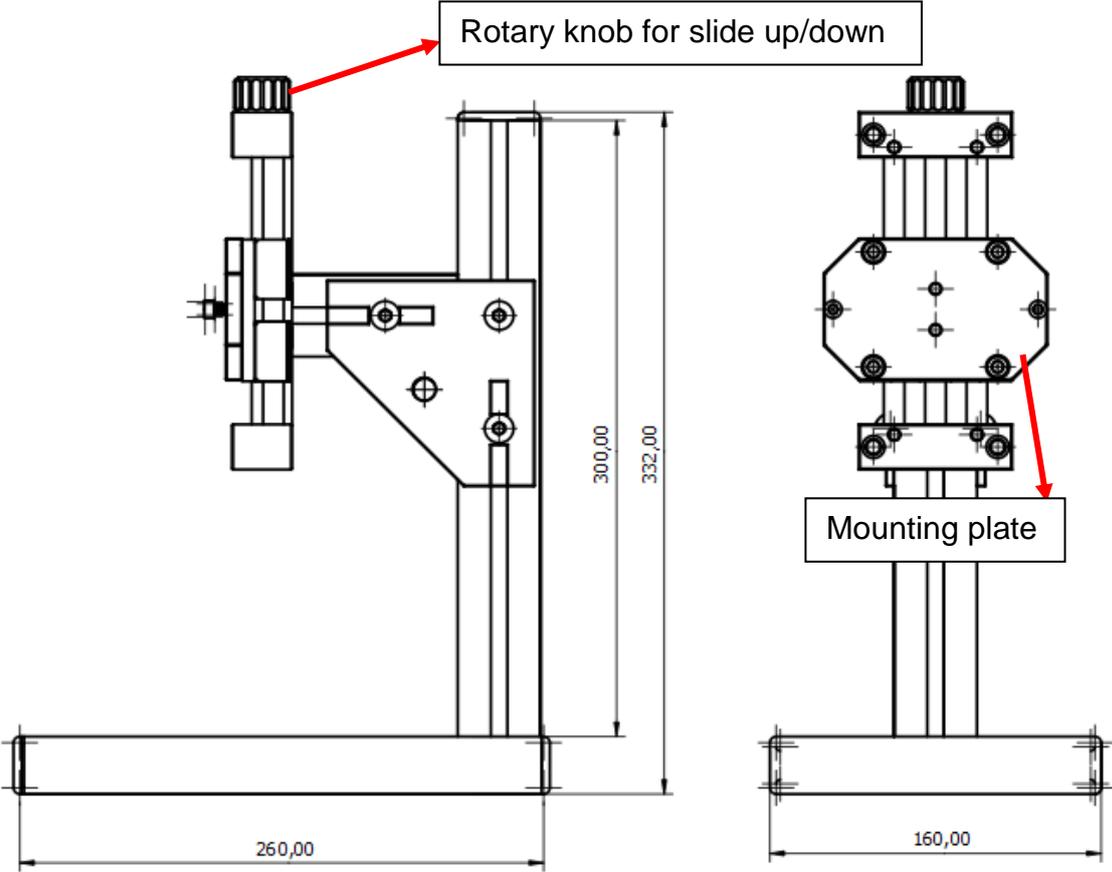
Congratulations on the purchase of the SAUTER TVL-XS test stand. We hope you enjoy your quality measurement system with its wide range of functions and high reproducibility. If operated correctly, this high-quality product will give you many years of use.

For questions, wishes or suggestions we are always at your disposal.

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1 Technical drawing



## 2 Function

This TVL-XS manual vertical test stand is used for tension and compression tests. It is suitable for force gauges up to 100N. The test stand has a good stability, has a wide range of applications and is easy to operate. The test stand can be used for rubber and plastic products, light industry and textile, frame construction, complex materials, wires and cables, automotive industry, engines and scientific research.

## 3 Technical data

<b>Capacity</b>	100N
<b>Maximum tensile and compressive force</b>	100N
<b>Maximum travel distance</b>	200mm
<b>Spindle stroke per revolution</b>	2mm
<b>Operating temperature</b>	20±10°C
<b>Storage and delivery temperature</b>	-27°C up to 70°C
<b>Relative air humidity</b>	15% up to 80%

## 4 Mode of operation

**Please check everything before commissioning!**

1. The test bench should be checked for proper spindle operation by moving it up and down without a suspended load.

## 5 Maintenance

1. The test bench environment shall be kept clean;
2. The rail responsible for the movement should be kept free of liquids or objects.
3. The test bench should always be stored dust-free and free of moisture when not in use.

## 6 Scope of delivery

- Test bench
- Adapter plate for mounting the force gauge to the test stand
- Operating Instructions
- Adhesive feet