

Perfection in fluids.

The right *flow*  
by German engineering.



# VTB400B - Valve test bench for valve casing

## Data sheet EPE-164785



Made in  
GERMANY



EPE-164785

# VTB400B - Valve test bench for valve casing



Made in  
GERMANY

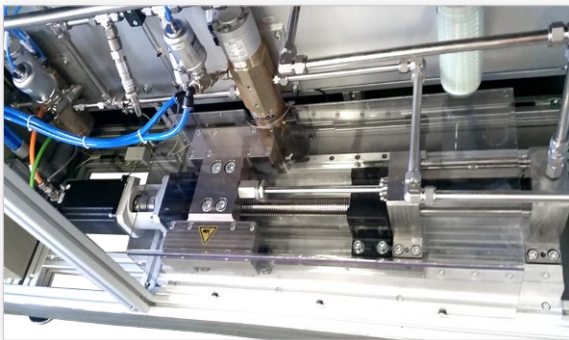


## Pressure & leakage test of valve casing

Test pressure: 0...400 bar

Test medium: water

Pressure generation: EP HPC high-pressure piston controller



Similar to figure

### Description

The system is used for pressure testing of various valve casings with water as the test medium. Standard casing (flange casing), valve GS casing and valves ball sector casing are tested for pressure resistance and leak tightness. The components to be tested are loaded manually by the test operator. The pressure build-up with the desired test pressure as well as the corresponding rating (OK / NiO) are carried out automatically by the system. The tests are carried out in a pressure range from 0 to 400 bar. The pressure is generated by the servomotor-driven EP HPC piston controller. The system is controlled via a PC with external data acquisition hardware and measurement and control software under LabVIEW.

### Technical data

**Test pressure** 0...400 bar

Measurement accuracy  $\pm 0.1\%$  EV

**Clamping pressure** 0...200 bar

Measurement accuracy  $\pm 0.2\%$  EV

#### Dimensions

Test bench (W x H x D) 2500 x 1250 x 815 mm

Weight approx. 500 kg

### Benefits

- ✓ Functional test of different valves
- ✓ Test medium is ordinary tap or domestic water
- ✓ Use of the EP HPC high piston controller - pressure generation and leakage measurement (see also: *data sheet EPE-147037*)



### Standard solutions Application examples:



**Valve technology:** Function test, internal & external leakage test



This is only an **example** interpretation and can change according to your needs.



Top-Innovator  
2016

For special requirements we are happy to advise you. Subject to change. / EPE-164785 / Last update: 10/2018 / V01  
© EP Ehrler Prüftechnik Engineering GmbH, Wilhelm-Hachtel-Str. 8, D-97996 Niederstetten

**TOP-INNOVATOR 2016:** EP Ehrler Prüftechnik is one of the most innovative companies in the German SME segment.

+49 (0) 79 32 . 6 06 66 - 0 / +49 (0) 79 32 . 6 06 66 - 11 / [info@ep-e.com](mailto:info@ep-e.com) / [www.ep-e.com](http://www.ep-e.com)