

Valve Test Benches from EFCO

portable & stationary, vertical & horizontal or tilting, manual & automatic

Portable & stationary, vertical & horizontal or tilting, manual & automatic valve test benches for:

- shell/body tests (valve housing)
- valve seat leakage tests of spindle gland and shut off devices
- set pressure test of safety & shut off v.
- test pressure: water 1380 bar, air & nitrogen 300 bar, vacuum
- for gate, check, control, ball, safety, shut-off valves, etc.
- valve test procedure setting, analysis and documentation system



[Watch Video](#)

EFCO Valve test benches are used for testing and inspection of new valves, valve repair testing and routine test of safety valves. They consist of a clamping unit and a control panel for operation, measurement, and control. The test piece is held securely by the clamping device and sealed on inlet and outlet. Valve outlets can be flanged, threaded, welded socket pieces or sandwich/wafer types. The operating/measuring/control unit (console) is used for the actual test (filling of the valve, building up of test pressure, controlling the clamping unit, measuring of test pressure).

Test Bench Models

portable



clamping force 5 - 10 tons, DN 10-200, up to 414 bar

vertical



15 - 100 tons, DN 10-200, up to 1380 bar

horizontal



3 - 1500 tons, DN 10-1500, up to 1380 bar

automatic



automated test cycles, air and water test, underwater, vacuum, 2/3/multi way testing

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Special Testing Equipment

Individually adapted testing equipment, coordinated to your specifications and needs. Our particular strength lies in creating a product for you that meets your requirements exactly. You benefit from our many years of experience in implementing customer-specific projects.

Here is a small selection of a wide range of options:

- Nominal test specimen widths (DN10/ 3/8") up to (DN1000/ 40") and larger
- Manual, semi-automatic or automatic operation
- Repeated test cycles (endurance testing)
- Underwater testing
- Vacuum testing
- Testing of 2-way / 3-way / multi-way test specimens
- Individual or multiple clamping
- Recording of test specimen ID using handheld scanner
- Output of test result data via defined interface



Underwater testing



ID-recording



Drive unit for opening and closing the test specimen



Automatic centring of the test specimen



Control unit with touch panel



Safety enclosure with safety interlocking device



Automatic torque measurement

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