



TS 30-S/TS 50

Test unit for testing shut-off valves and control valves:

- Test unit with horizontal hydraulic clamping system and 90 degree rotation for clamping the valve at both flanges between the test tables.
- The Clamping system is able to test valves in a horizontal, vertical or inclined position.
- Advantages of the rotating clamping system are: it is easier to load the valve with actuators inside the clamping system in the horizontal position. In a vertical position the evacuation of the air out of the valve is assured during filling with water.
- For testing valves with butt-weld or socket-weld connections, special seal adapters are required
- Test units are also available in combined version with two clamping devices of different design, working range or clamping force

Hydraulic clamping systems are available with clamping force of:
30, 55 and 85 tons



TSHV 80-S



TSHV 80-S

Type:	Working ranges:	Inches:
TSHV 30-S	DN 10–250 mm	3/8"–10"
TSHV 50-S	DN 10–250, 500 mm	3/8"–20"
TSHV 80-S	DN 25–250, 400, 500 mm	1"–20"

Standard features:

- Hydraulic clamping system
- Hydrostatic test circuit
- Air test circuit
- Nitrogen test circuit
- Bubble counter for leak test
- Safety Interlock System
- Gauge calibration ports
- Pre-filling and filter system for test medium water

Optional features:

- flow meters for leak detection
- 0–30 psi + 0–50 psi air actuator and positioner circuit
- 0–26 V DC Power supply, 4–20 mA controller
- Data Acquisition system
- Hydraulic clamping system with automatic clamping force control
- Digital bubble counter