

TEST UNIT FOR MANUFACTURER

Fully automatic test units for quick and efficient testing a series of valves. Our IT specialists design smart software for the test- & operation system. The fully integrated computer system assures a very simple operating procedure. The test- & operation system controls the test procedure and a combination of accurate pressure sensors and flow meters detect / measure any leakage. The intelligent software compares the found test results with the programmed test standard. Within seconds the system gives a 'pass' or 'fail' signal.

Capabilities:

- ✚ Range DN10 – 2200 mm. / ¼ - 86”.
- ✚ Horizontal (stem vertical) or vertical stem horizontal).
- ✚ 1 – 2000 tons of clamping force.
- ✚ With no or limited linear force on the valve body.
- ✚ Test pressure range: from vacuum up to 2000 bar / 30,000 PSI.
- ✚ Test medium: Liquid, compressed air, Nitrogen, Helium or Hydrogen.



Features:

- ✚ Computer registration system.
- ✚ Fully automatic operation system.
- ✚ Testing one or a complete series of valves.
- ✚ Automatic open close action.
- ✚ Valve performance testing, considering measuring of the stroke measuring, open/close time and torque measuring.
- ✚ Auto clamping system with proportional clamping force system.
- ✚ Low pressure air test system 7 bars / 100 PSI.
- ✚ Computer Registration System.
- ✚ Pressure transducers and digital mass flow meters to measure seat leakage according class II, III and IV.
- ✚ Laser Bubble Counter according standards
- ✚ Stainless steel control panel.
- ✚ Stainless tubing for better electronic control.
- ✚ High pressure water prefilling system.
- ✚ High accuracy gauges and pressure transmitters.