

SHUT OFF VALVE TEST UNIT Model 58T

The 58T is practical and efficient solution for easy, safe and accurate pressure testing of all linear type Shut-off Valves, such as Gate-, Globe-, Ball-, Plug, Check- & Butterfly.

Test range accommodates 1 – 12" / DN25 - 300 mm. Testing procedures are designed around all common and accepted international test standards such as API598, API5D, ISO5203, DIN EN 12266, BS6755 P1, EN1349 etc.

The 58T features a high strength clamping system for easy positioning and clamping of all linear valves up to 12" in a vertical position (as shown on picture).

The machine is designed to handle a maximum clamping force of 58 ton and has a 'soft' pre-clamping function when you have positioned the valve.

The bottom 3-Jaw clamping system allows clamping of the valve on the bottom flange leaving the top open for visual inspection. This is used in the gas or bubble test mode.

High Pressure testing is performed by clamping the valve between the clamping tables and top clamp, thereby closing both ends.

The strong and robust clamping system is mounted on top of the stainless steel tray and sump reservoir, which stores the test liquid. The stainless steel control panel houses all manual controls and Gauges.



STANDARD FEATURES

- Clamping system accommodates all common types of linear valves
- Visual or Electronic Leak detection.
- Clamping one side or both ends.
- Manual or Automatic Test Cycle.
- Loose adaptor plates to accommodate different sizes of ANSI and DIN RF flanges.
- Stainless steel body, reservoir and control panel.
- Low pressure air testing 0 – 7 bar / 100 PSI.
- High pressure liquid testing 0 – 200 bar / 2900PSI.
- Safety screen, interlock and working light for absolute safety.



58T CONTROLS

The system caters for low pressure air and high pressure liquid testing of linear valves according to common international standards, with range of 0-200 bar / 2900 PSI.

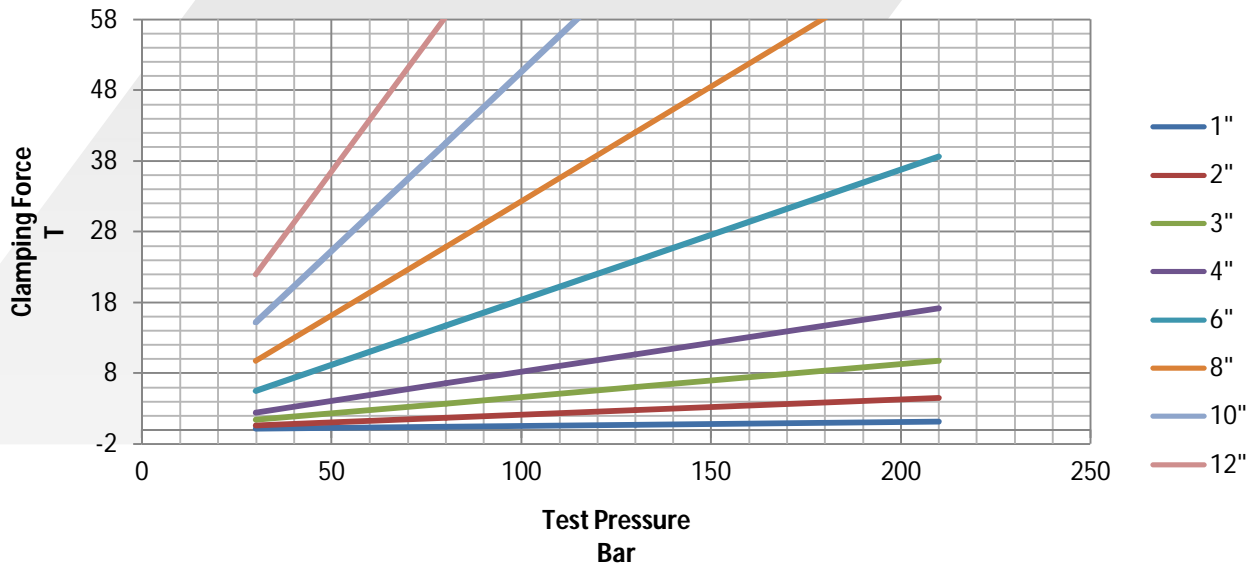
All controls are housed in the stainless steel control panel and operating instructions and parameters detailed in the operating manuals.

Gauges are quality WIKA (RSA) product and pre-calibrated and certified.

Pneumatically operated Water Intensifiers are used in this Test Unit to generate the liquid test pressure. These are simple and serviceable units.

TEST RANGE

VALVE SIZE vs TEST PRESSURE CHART



VALVE SIZE MAX TEST PRESSURE TABLE

SIZE		MAX TEST PRESSURE	
1 up to 6"	up to 152 mm	200 bar	3600 PSI
8"	203 mm	180 bar	2600 PSI
10"	254 mm	110 bar	1600 PSI
12"	305 mm	80 bar	1160 PSI

GENERAL

Valve Range: 1 - 12" / NB 25 – 300 mm .
 Pressure Range: 0-200 bar / 2900 PSI
 Test medium: Gas (compressed air) and Liquid (Water)
 Operation: Semi-automatic
 Flange thickness: 0 – 120 mm.
 Flange Clamping Diameter: 125 – 560 mm.
 Vertical Body length: 0 – 750 mm. (face to face dimension)
 Connections: 7 bar Compressed Air and 360 V 50-60 Hz.
 Approx Dimensions: (l) 2.5 x (w) 1.2 x (h) 2.5 meter
 Approx Weight: 1,500 kg.