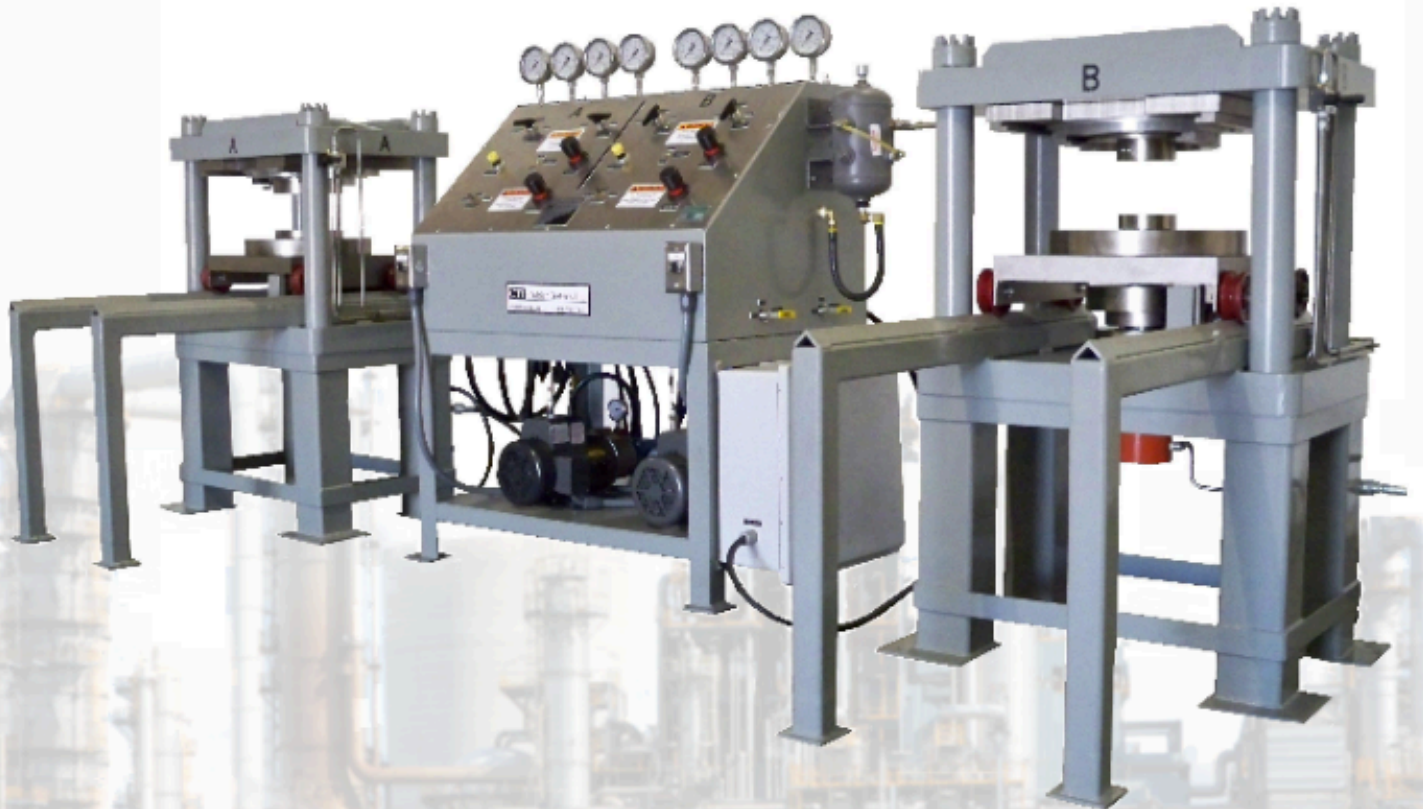




# Calder Testers

We don't just meet your needs, we exceed them.

## Model 600V Multi-Purpose Valve Testing System



9000 Monroe, Houston TX 77061, Tel: (713) 333-0260 or Toll Free (800) 710-6811  
[www.caldertesters.com](http://www.caldertesters.com)



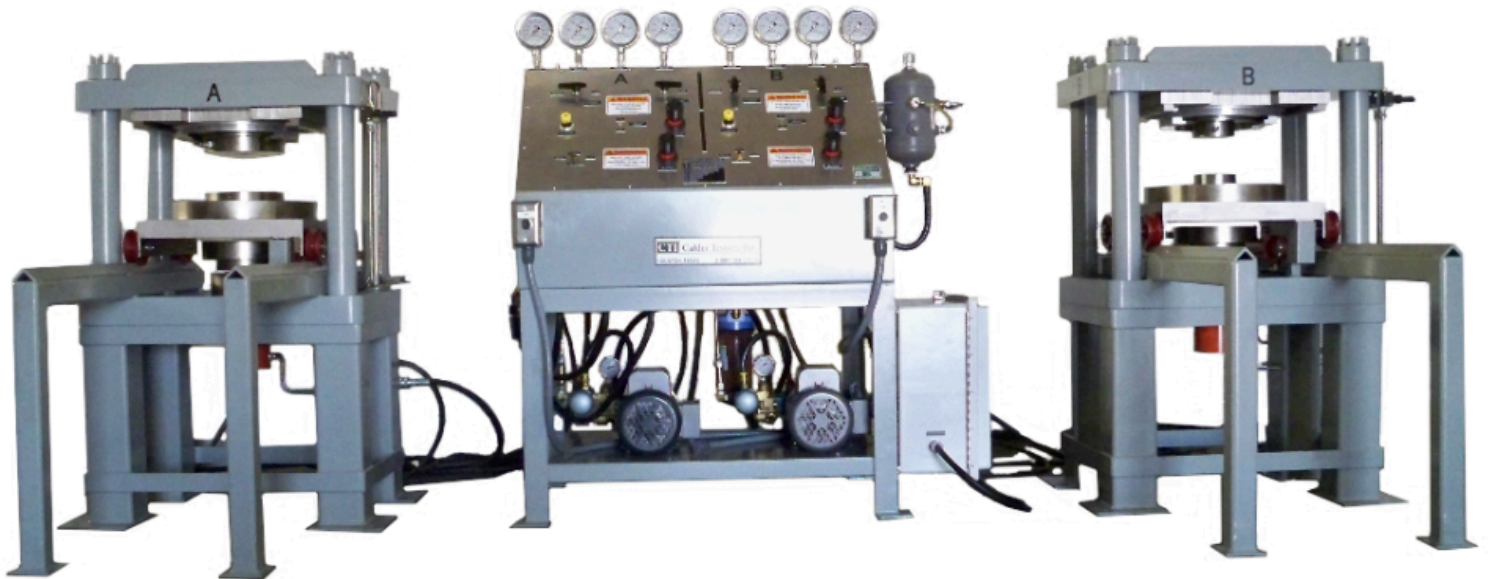
# Calder Testers

We don't just meet your needs, we exceed them.

## Model 600V

### Multi-Purpose Valve Testing System

*Our Model 600V Series clamp fixtures are designed to clamp and test valves, fittings and related pressure bearing parts. It is a vertical Press tester that can be designed as a ridged vertical clamp with an indexing table. Hydrostatic or pneumatic seat testing can be performed from both sides without removing the valve from the clamp fixture. The Model 600V Series test systems are best known as the multi-purpose valve testing system because of its adaptability to change seal plates very quickly and safely. The patented self-aligning Seal head aligns the valve end faces. Our patented Easy Out Seal Head Holder makes changing seal plates for flanged, butt welded, socket welded, male and female threaded, bore sealing or special valve body and end connections, without the use of tooling or bolts.*





# Calder Testers

We don't just meet your needs, we exceed them.

The Model No. 600-6, 600-8, 600-12, 600-16 and 600-24 features standard non-rotating flanged valve testing systems. The Model 600 allows the operator to perform air and/or water testing on the same clamping fixture. Source air and water supplied by the customer. This valve testing system will consist of a hydrostatic control panel, a hydraulic control panel and a valve fixture to provide a complete hydrostatic test system.

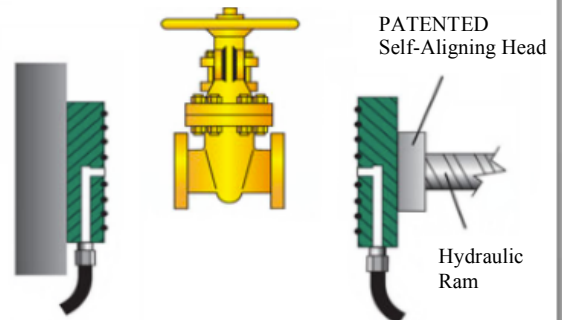
## Standard Features

- Air operated pump with 3,000 or 10,000 psi hydrostatic test circuit standard.
- Air operated pump with 10,000 psi hydraulic clamp circuit.
- 60, 80, 100, 150, 200, 300, 400 & 600 ton hydraulic clamping standard.
- Two (2) fixed "O" ring seal plates, carbon steel, nickel plated, for flanged valve standard.
- 4" or 6" top mounted pressure gauges.
- Gauge Calibration Port installed as an alternate pressure port.
- Patented self-aligning seal head.

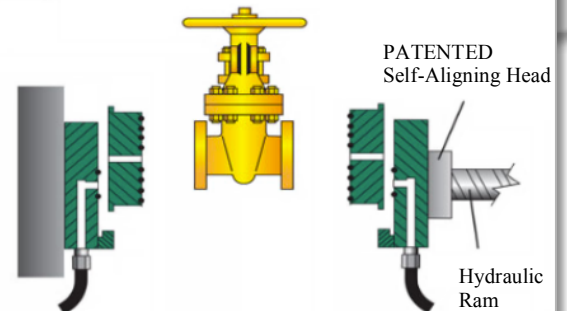
## Model 600V Series System Options

- **SAFETY INTERLOCK** on hydraulic clamping circuit.
- **BUBBLE JAR** manufactured to ANSI B16.104.
- **DRIP TUBE** manufactured to API598 for seat testing with air.
- **FLOW PANEL** for Class II, III and IV seat leak detection with Analog flow meters, 0.5, 5, 50, 100, 400 & 1800 SCFH in accordance with ANSI/FCI 70-2-2006.
- **ELECTRONIC CONTROL PANEL** seat leak detection for Class II, III, IV and V seat leakage testing with 10 SCCM, 50 SCCM, 200 SCCM, 50 SLM and 200 SLM in accordance with ANSI/FCI 70-2-2006.
- **RECIRCULATION SYSTEMS:** 30, 50, 80 gallon standards—larger sizes upon request.
- **QUICK FILL BYPASS** bypass circuit to increase flow from 1 gpm to 6 gpm water flow.
- **0 to 100 psi AIR ACTUATOR/POSITIONER CIRCUIT** provided for input pressure to valve actuators.
- **DC POWER SUPPLY** provided in 4 to 20 milliamps.
- **BUTTERFLY SPACER ADAPTER** clamp fixture to convert from a standard valve test clamp to butterfly valve clamp.
- **INDEXING TABLE** for **VERTICAL CLAMP FIXTURES** with pneumatic actuation to index valves under the vertical clamp fixture.
- **EASY OUT SEAL PLATES**
- **DIFFERENTIAL PRESSURE SEAL PLATES**

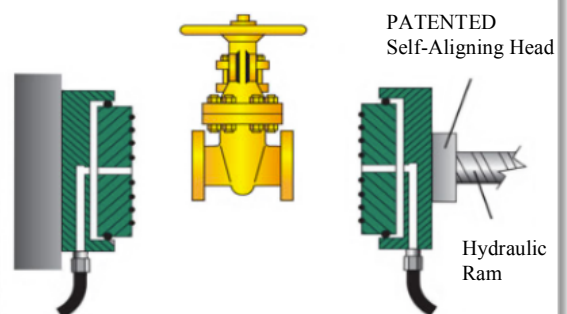
## Fixed "O" Ring Seal Plates



## Easy Out Seal Plates



## Differential Pressure Seal Plates





# Calder Testers

We don't just meet your needs, we exceed them.

## Model 600 V Series Specifications

Model 600-6-55		150	300	600	900	1500	2500	Model 600-6-80		150	300	600	900	1500	2500
3,000 psi	1"	•	•	•				10,000 psi	1"	•	•	•	•	•	•
	2"	•	•	•					2"	•	•	•	•	•	•
	3"	•	•	•					3"	•	•	•	•	•	•
	4"	•	•	•					4"	•	•	•	•	•	•
	6"	•	•	•					6"	•	•	•	•	•	•
Model 600-8-100		150	300	600	900	1500	2500	Model 600-8-100		150	300	600	900	1500	2500
3,000 psi	2"	•	•	•				10,000 psi	2"	•	•	•	•	•	•
	3"	•	•	•					3"	•	•	•	•	•	•
	4"	•	•	•					4"	•	•	•	•	•	•
	6"	•	•	•					6"	•	•	•	•	•	•
	8"	•	•	•					8"	•	•	•	•	•	•
Model 600-12-100		150	300	600	900	1500	2500	Model 600-12-150		150	300	600	900	1500	2500
3,000 psi	2"	•	•	•				10,000 psi	2"	•	•	•	•	•	•
	3"	•	•	•					3"	•	•	•	•	•	•
	4"	•	•	•					4"	•	•	•	•	•	•
	6"	•	•	•					6"	•	•	•	•	•	•
	8"	•	•	•					8"	•	•	•	•	•	•
	10"	•	•	•					10"	•	•	•	•	•	•
	12"	•	•	•					12"	•	•	•	•	•	•
Model 600-16-150		150	300	600	900	1500	2500	Model 600-16-200		150	300	600	900	1500	2500
3,000 psi	2"	•	•	•				10,000 psi	2"	•	•	•	•	•	•
	3"	•	•	•					3"	•	•	•	•	•	•
	4"	•	•	•					4"	•	•	•	•	•	•
	6"	•	•	•					6"	•	•	•	•	•	•
	8"	•	•	•					8"	•	•	•	•	•	•
	10"	•	•	•					10"	•	•	•	•	•	•
	12"	•	•	•					12"	•	•	•	•	•	•
	14"	•	•	•					14"	•	•	•	•	•	•
	16"	•	•	•					16"	•	•	•	•	•	•
Model 600-24-300		150	300	600	900	1500	2500	Model 600-24-400		150	300	600	900	1500	2500
3,000 psi	8"	•	•	•				10,000 psi	8"	•	•	•	•	•	•
	10"	•	•	•					10"	•	•	•	•	•	•
	12"	•	•	•					12"	•	•	•	•	•	•
	14"	•	•	•					14"	•	•	•	•	•	•
	16"	•	•	•					16"	•	•	•	•	•	•
	18"	•	•	•					18"	•	•	•	•	•	•
	20"	•	•	•					20"	•	•	•	•	•	•
	24"	•	•	•					24"	•	•	•	•	•	•