

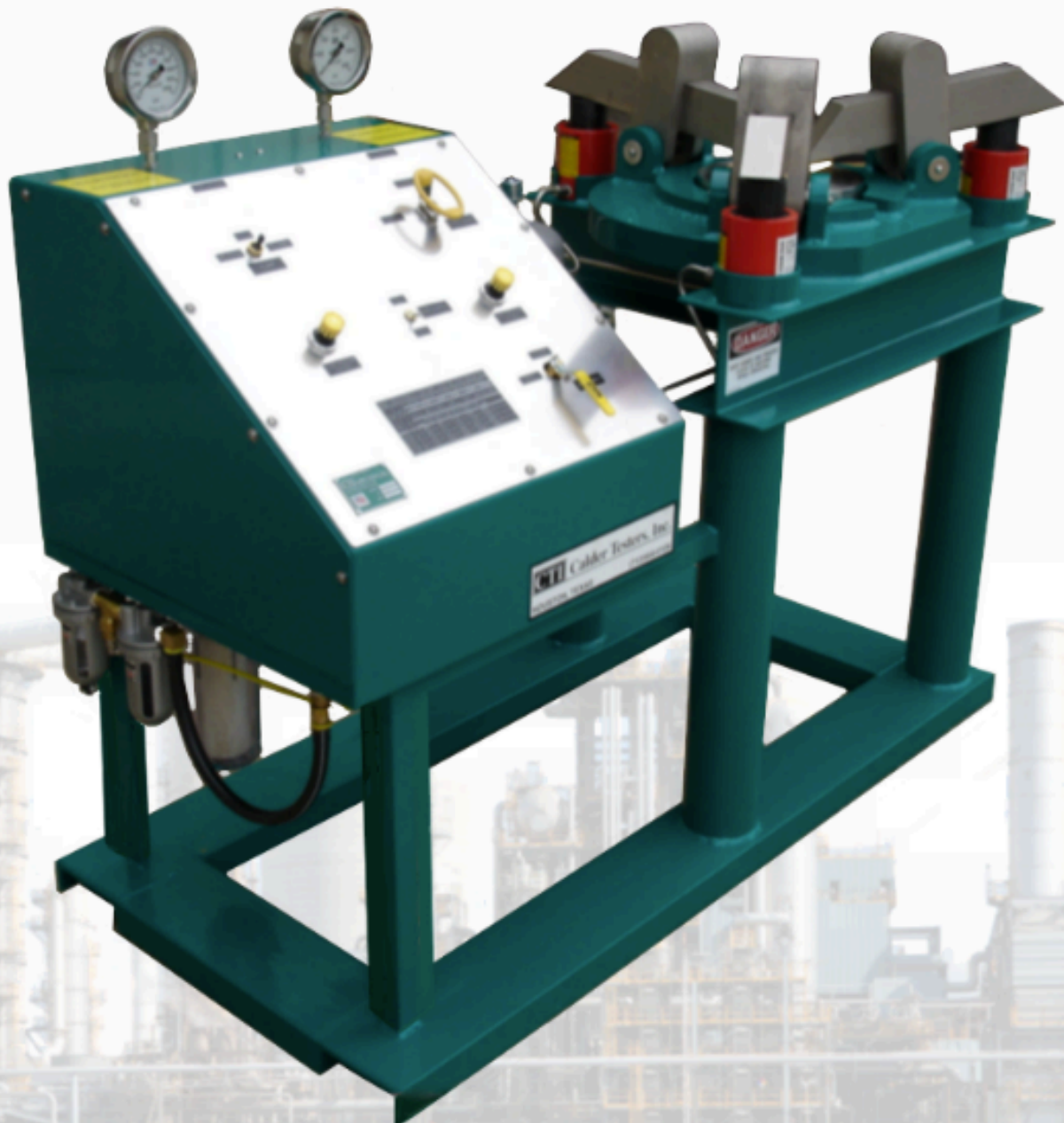


Calder Testers

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

Model 1200

Hydrostatic Valve Testing System



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



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Model 1200

Hydrostatic Valve Testing System

The Model 1200 test systems are designed to clamp and test flanged valves hydrostatically and pneumatically. When a valve is placed on the seal plate the hydraulic clamp table rises and clamps the valve flange. The clamping force is applied to the back side of the test valve flange. A pre-calculated hydraulic force is applied to offset the required test pressure forces.





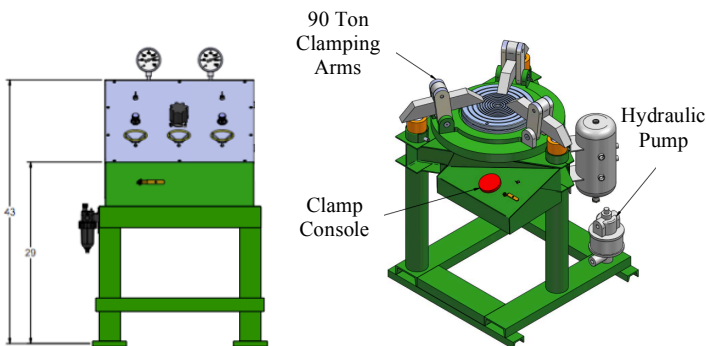
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Standard Features

The Model No. 1200 Standard Flanges Valve Testing Systems are designed to conform to the clamping requirements as specified in API-598 and allow the operator to perform air and/or water testing on the same clamping fixture. Both are complete with clamp fixture and control console and consists of the following standard features:

- Air operated pump with 3,000 or 10,000 psi hydrostatic test circuit.
- Air operated pump with 10,000 psi hydraulic clamp circuit.
- Three (3) arm or four (4) arm clamp arrangement.
- Ninety (90) ton or one hundred twenty (120) ton hydraulic clamping force.
- One (1) skid mounted clamp fixture and control console for forklift movement.
- One (1) "O" ring seal plate, carbon steel, nickel plated.
- Carbon steel powder coated for wear resistance.
- 4" or top mounted pressure gauges with quick disconnect. 0.5% accuracy.



Model 1200 Series System Options

- **SMALL FLANGED VALVE SEAL PLATES:**
 - Stainless steel, "O" ring seal plate for 1/2" small flanged Valves
 - Stainless steel, "O" ring seal plate for 3/4" small flanged Valves
 - Stainless steel, "O" ring seal plate for 1" small flanged Valves
 - Stainless steel, "O" ring seal plate for 1 1/2" small flanged Valves
- **CLAMP ARMS** (set of 3) 45 degree one end square opposite end
- **CLAMP ARMS** (set of 3) 30 degree one end square opposite end
- **CLAMP ARMS** (set of 3) 20 degree one end square opposite end
- **SAFETY INTERLOCK**, on hydraulic clamping circuit that will not allow the operator to release the hydraulic clamp pressure while there is test pressure on the system.
- **MALE SEAL PLATES** (the SRV to be tested has Female Threads), Six (6) carbon steel, nickel plated, Male NPT, adapters for 1/2", 3/4", 1", 1 1/2", 2" and 3"
- **FEMALE SEAL PLATES** (the SRV to be tested has Male Threads), Six (6) carbon steel, nickel plated, Female FNPT, adapters for 1/2", 3/4", 1", 1 1/2", 2" and 3"
 - **PATENTED HYDRAULIC FLANGE SEALS** In order to hydraulically seal the opposite end of the valves a Hydraulic Flange Seal Circuit will have to be purchased.
 - Model 1500-2 Hydraulic Flange Seal
 - Model 1500-4 Hydraulic Flange Seal
 - Model 1500-6 Hydraulic Flange Seal
 - Model 1500-10 Hydraulic Flange Seal
 - Model 1500-14 Hydraulic Flange Seal
- **RECIRCULATION SYSTEMS:**
 - Standard Recirculation System, 30 gallon 2 gpm to 10 psi utility
 - Standard Recirculation System, 50 gallon 2 gpm to 10 psi utility
 - Standard Recirculation System, 80 gallon 2 gpm to 10 psi utility
- **QUICK FILL BYPASS AVAILABLE**
- Gauge calibration port installed as an alternate pressure port.

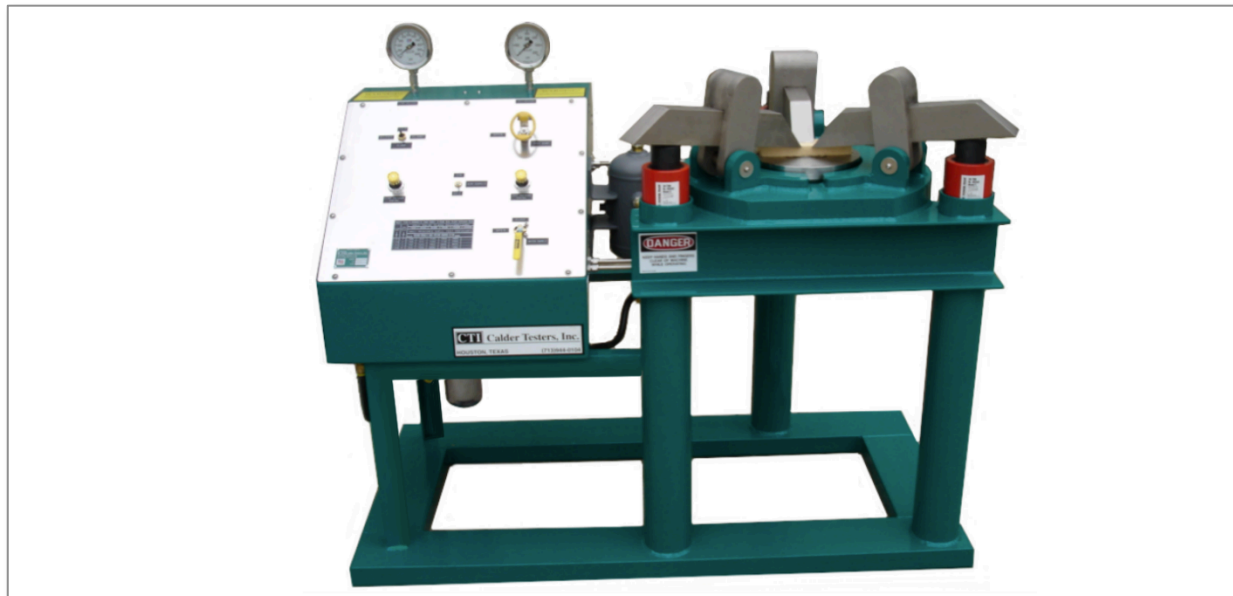


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Model 1200 Series Specifications

Model 1200-12-3,000	150	300	600	900	1500	2500	Model 1200-12-10,000	150	300	600	900	1500	2500	
3 Arm 90 Ton	1"	•	•	•			3 Arm 90 Ton	1"	•	•	•	•	•	•
	2"	•	•	•				2"	•	•	•	•	•	•
	3"	•	•	•				3"	•	•	•	•	•	
	4"	•	•	•				4"	•	•	•	•		
	6"	•	•	•				6"	•	•	•			
	8"	•	•					8"	•	•				
	10"	•	•					10"	•	•				
	12"	•						12"	•					
Model 1200-12-3,000	150	300	600	900	1500	2500	Model 1200-12-10,000	150	300	600	900	1500	2500	
4 Arm 120 Ton	2"	•	•	•			4 Arm 120 Ton	2"	•	•	•	•	•	•
	3"	•	•	•				3"	•	•	•	•	•	•
	4"	•	•	•				4"	•	•	•	•	•	
	6"	•	•	•				6"	•	•	•	•		
	8"	•	•	•				8"	•	•	•			
	10"	•	•					10"	•	•				
	12"	•	•					12"	•	•				
Model 1200-16-3,000	150	300	600	900	1500	2500	Model 1200-16-10,000	150	300	600	900	1500	2500	
4 Arm 120 Ton	2"	•	•	•			4 Arm 120 Ton	2"	•	•	•	•	•	•
	3"	•	•	•				3"	•	•	•	•	•	•
	4"	•	•	•				4"	•	•	•	•	•	
	6"	•	•	•				6"	•	•	•	•		
	8"	•	•	•				8"	•	•	•			
	10"	•	•					10"	•	•				
	12"	•	•					12"	•	•				
	14"	•	•					14"	•	•				
16"	•					16"	•							



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