

# barbee

## MODEL S SERIES SELF CONTAINED VALVE TESTER



The **Model S Series** is designed to test Shut Off Valves, Ball Valves and check valves in the vertical position using a single hydraulic actuated seal plate with four hold down arms.

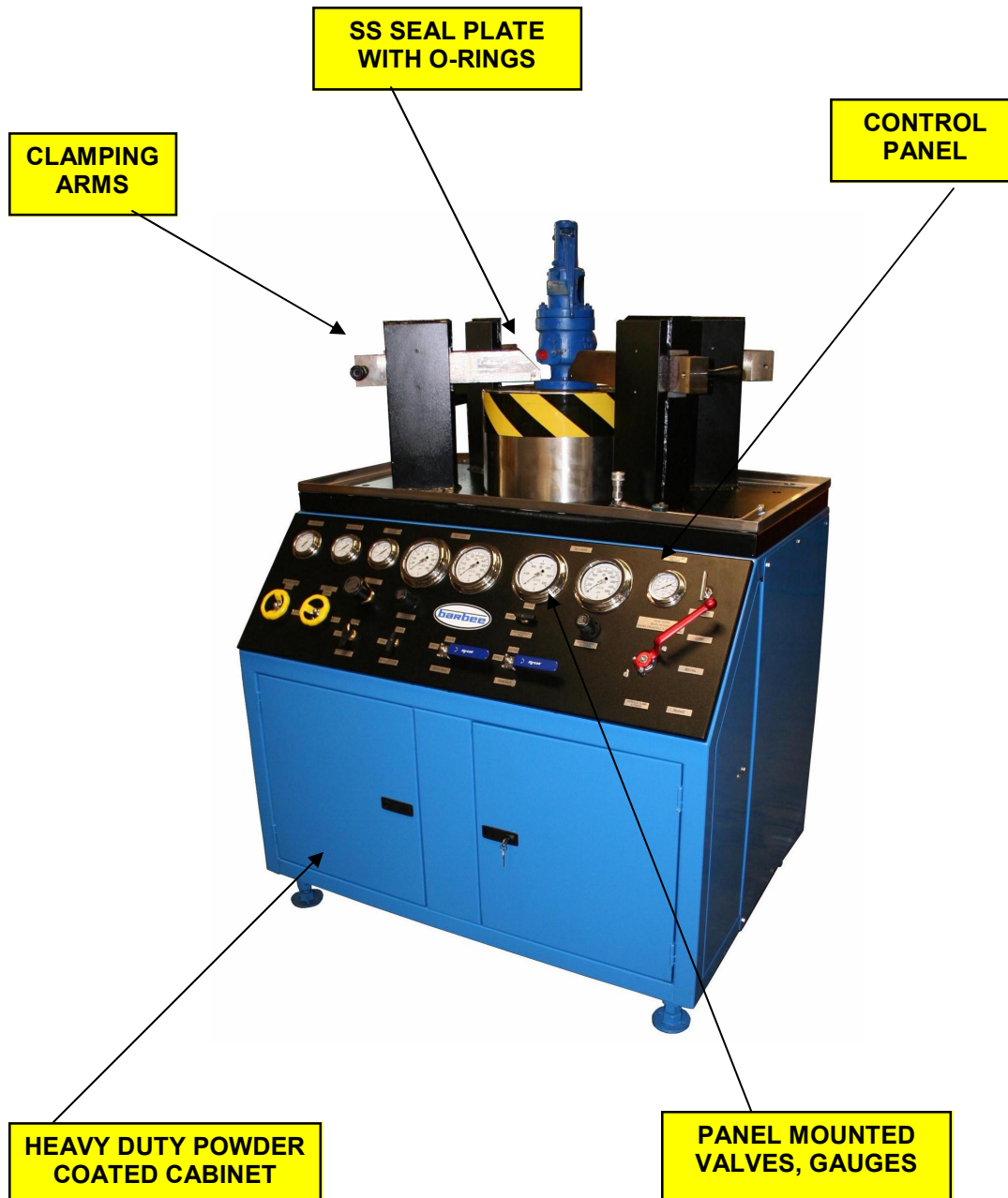
**Standard features include:**

- 100-ton adjustable clamping fixture with a stainless steel plate with o-ring grooves.
- Powder coated control console with panel mounted valves, gauges and regulators
- Air driven hydraulic clamping pump with panel mounted pump regulator, clamping pressure gauge, clamp selector valve, and pressure release valve
- A Hydraulic Safety Interlock Valve is provided to prevent accidental release of clamping pressure when the valve being tested is still under test pressure.
- Panel mounted ball valves for pressure isolation and drain valves.
- Panel mounted 4" dial gauges, glycerin filled with pressure limiting valves to isolate gauges from over pressurization.
- Optional: Data Acquisition Cart with digital gauge, hardware & software for recording test data.

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# MODEL S SERIES

SELF CONTAINED VALVE TESTER

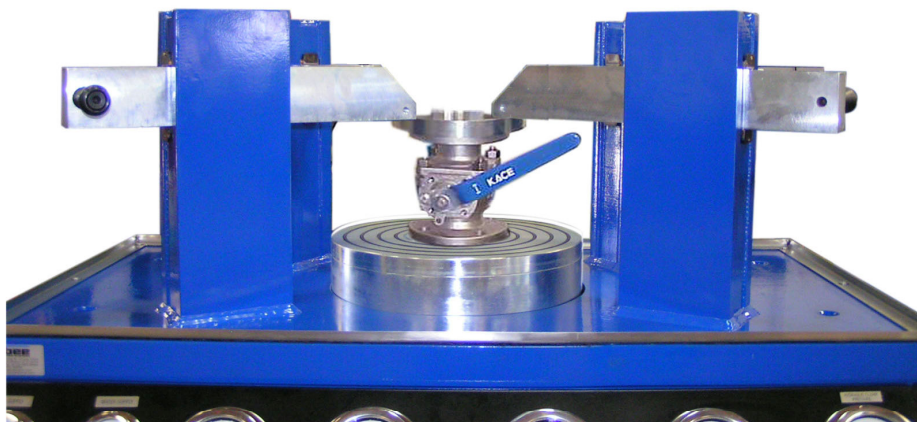


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# CLAMPING CHART

## HYDROSTATIC TEST PRESSURES

VALVE SIZE	300	450	600	900	1100	2250	3450
1 1/4" & 1 1/2"	100	100	200	200	300	500	700
2" & 2 1/2"	200	200	300	400	500	1000	1500
3" & 3 1/2"	300	400	500	700	800	1600	2400
4"	400	500	700	1000	1200	2400	3600
5"	500	700	1000	1400	1700	3500	5300
6"	700	1000	1300	2000	2400	4900	NO
8"	900	1400	1800	2700	3300	NO	NO
10"	1400	2100	2700	4100	4900	NO	NO



CLAMPING FIXTURE SHOWING SHORTER VALVES CAN BE CLAMPED ON THE OUTLET FLANGE, MAXIMUM FACE TO FACE IS 8 INCHES LONG



## MODEL S SERIES SELF CONTAINED VALVE TESTER

### TEST COMPONENTS:

Flanged valves from 1/2" to 10 up to 8" long (face to face).

**TEST PRESSURE:** 3000 PSI std. optional 5,000 PSI test system available. 100 PSI air tests.

**CLAMPING FIXTURE:** 100-TON Hydraulic clamping fixture, adjustable.

**DATA ACQUISITION SYSTEM: Optional:** Digital gauge, PC, monitor, and printer, keyboard, mouse. Software and hardware with cables.

### HYDROSTATIC SYSTEM:

**PUMPS:** Air-driven piston pump, 0-3000 PSI stand, optional 0-5,000 PSI hydrostatic test system.

**GAUGES:** 4" dial panel-mounted gauges, with chrome bezel, 0.5% accuracy full scale 0-300, 0-600, 0-1500 & 0-3000 PSI

**COMPONENTS:** All high pressure valves, tubing and fittings stainless steel. All gauges, valves and regulators are panel mounted.

### WARRANTY:

1 Year Full Warranty. (Refer to Barbee Terms and Conditions of Sale.)

