



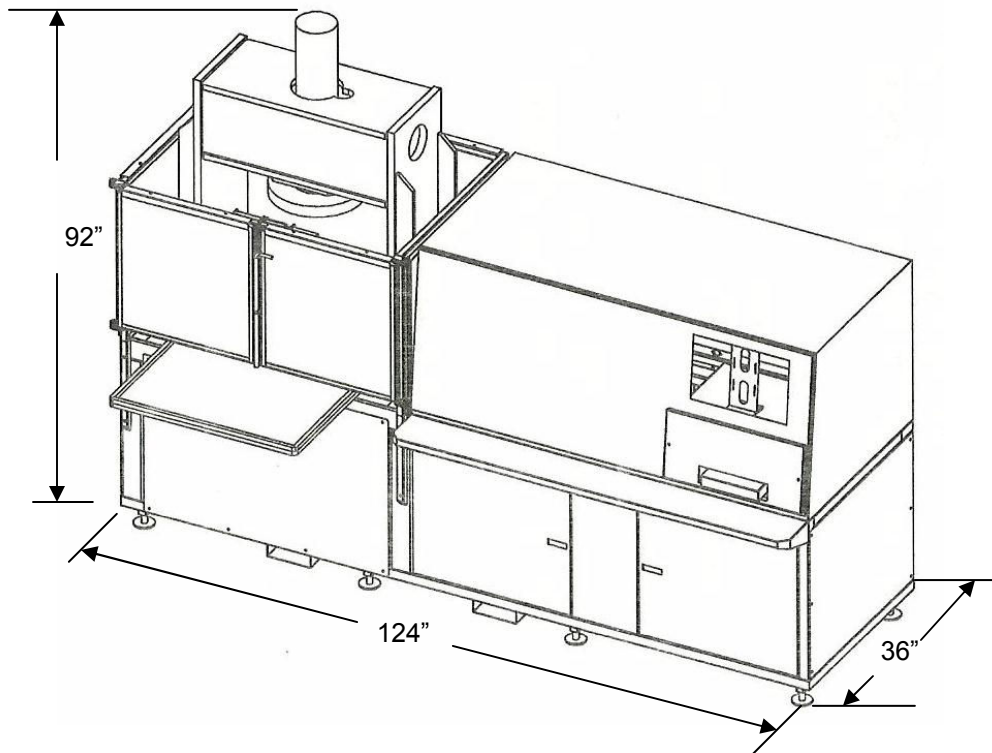
The **Model LVR 150T** is designed to test Control Valves, Ball Valves in the vertical position with a hydraulic actuated clamping fixture.

**Standard features include:**

- 150-ton clamping fixture with Safety Interlock. ( 100-ton clamping fixture available) 36" face to face valve clearance when fully retracted, 30 inch stroke cylinder.
- 3000 PSI hydrostatic shell test, optional 10,000 PSI system available.
- 100 PSI air test with panel mounted regulator
- Stainless steel seal plates with o-ring grooves to seal on flanges from 2" to 12" ANSI class 300
- Digital Gauge for Data Acquisition with RS-232 output signal
- Data Acquisition System with PC, flat screen, keyboard, mouse and printer
- Data Acquisition Software and cables
- Powder coated cabinet and frame for long lasting durability
- Safety Lexan® shield with frame with Safety Interlock to prevent testing unless shield is closed
- Safety Hydraulic Interlock valve prevents accidental release of clamping pressure when valves are under test pressure.
- Drip pan with suction pump to re-circulate water back to storage tank
- Hydraulic actuated sliding lower seal plate to clear vertical clamping fixture, ideal for loading and unloading large heavy valves.
- Dual palm button clamping set up for added safety
- Panel mounted high pressure test regulator for precise pressure ramping up and down



**LVR MODEL SHOWN WITH A DUAL STATION: 100 TON CLAMPING FIXTURE ON THE CABINET AND A 400 TON FREE-STANDING FIXTURE FOR LARGER VALVES. DUAL INDEPENDENT HYDRAULIC AND HYDROSTATIC TEST SYSTEM.**





# MODEL LVR 150T VERTICAL VALVE TESTER

**TEST COMPONENTS:**

Flanged valves from 1/2" to 12" up to 36" long (face to face).

**TEST PRESSURE:** 3000 PSI std. optional 10,000 PSI test system available. 100 PSI air tests.

**CLAMPING FIXTURE:**

150-ton hydraulic cylinder, 30 inch stroke. Seal plate has 1/2" NPT threaded outlet port with o-ring grooves to seal flanged valves from 1/2" TO 12" 300# Class. Maximum clearance of seal plates is 36" when fully retracted, 6" clearance when fully closed.

**HYDRAULIC SYSTEM:** 10 gallon capacity hydraulic power unit to move clamping cylinder quickly. Air driven piston pump for clamping pressures up to 10,000 PSI.

**WATER RESERVOIR:** Built in 35 gallon stainless steel water reservoir with filtration system, centrifugal re-circulating pumps for continuous filtration. Optional water chiller and UV sterilizer set up available.

**HYDROSTATIC SYSTEM:**

**PUMPS:** Air-driven piston pump, 0-3000 PSI stand, optional 0-10,000 PSI hydrostatic test system.

**GAUGES:** 6" dial panel-mounted gauges, with chrome bezel, 0.5% accuracy full scale with Pressure Limiting Valves.

**TEST REGULATOR:** Panel mounted test regulator for precise pressure ramping up and down.

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

**SAFETY FEATURES:**

A Hydraulic Safety Interlock valve is installed in the circuit to prevent the accidental release of clamping pressure unless the test pressure is vented.

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

**WARRANTY:**

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

VALVE TEST CAPABILITY 150 TON CYLINDER						
ANSI CLASS	150	300	600	900	1500	2500
1/2" -2"	YES	YES	YES	YES	YES	YES
4" - 6"	YES	YES	YES	YES	YES	YES
8" -10"	YES	YES	YES	NO	NO	NO
12"	YES	YES	YES	NO	NO	NO

SHIPPING WT: APPROX. 5000 LBS.