

barbee

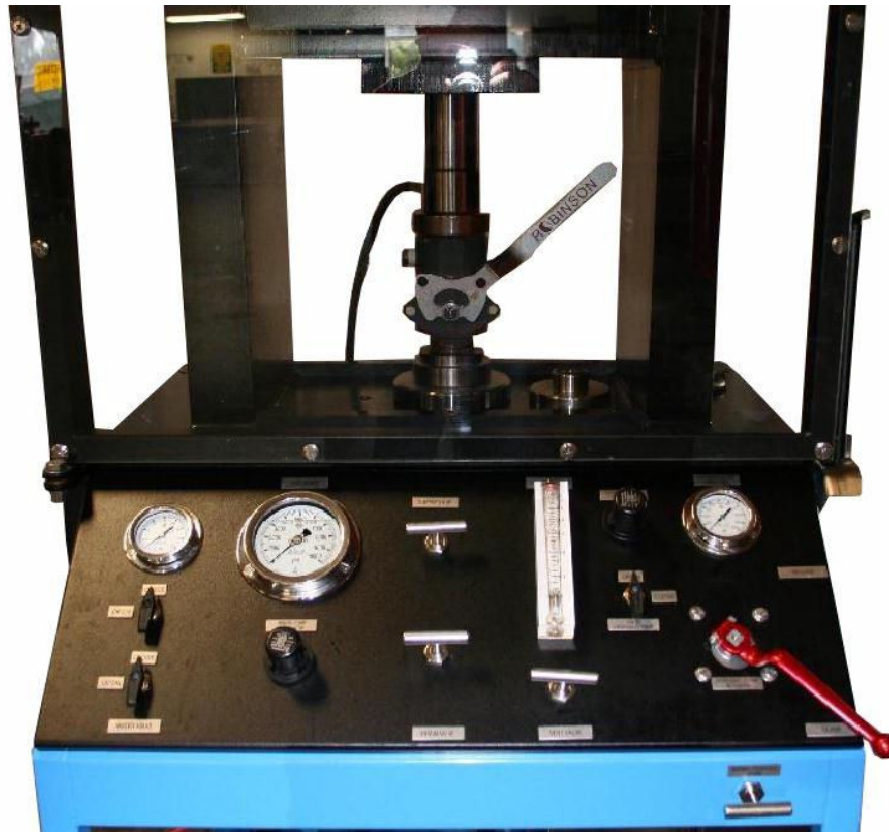
MODEL HTF-50T
VERTICAL VALVE TESTER



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MODEL HTF-50T

VERTICAL VALVE TESTER



CONTROL PANEL LAYOUT

The **Model HTF-50T** is designed to test Check Valves, Ball Valves and various valve bodies in the vertical position with a hydraulic actuated clamping fixture.

Standard features include:

- 50-ton clamping fixture with Safety Interlock. (100-ton clamping fixture available) 24" face to face valve clearance when fully retracted, 18 inch stroke cylinder.
- 3000 PSI hydrostatic seat & shell test, optional 10,000 PSI system available.
- 100 PSI air test with panel mounted regulator available
- Stainless steel seal plates with o-ring grooves to seal on flanges from 1" to 6" Class 600
- 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
- Safety Hydraulic Interlock valve prevents accidental release of clamping pressure when valves are under test pressure.
- Drip pan to re-circulate water back to storage tank

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MODEL HTF-50T VERTICAL VALVE TESTER

TEST COMPONENTS:

Flanged valves from 1" to 6" up to 20" long (face to face).

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

CLAMPING FIXTURE:

50-ton hydraulic cylinder, 18 inch stroke. Seal plate has 1/4" NPT threaded outlet port with o-ring grooves to seal flanged valves from 1" TO 6" 600# Class. Maximum clearance of seal plates is 20" when fully retracted, 2" clearance when fully closed.

HYDRAULIC SYSTEM: 3 gallon capacity hydraulic reservoir. Air driven piston pump for clamping pressures up to 10,000 PSI.

WATER RESERVOIR: Built in 5 gallon stainless steel water reservoir with fill and vent cap, sight gauge and drain valve.

HYDROSTATIC SYSTEM:

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

GAUGES: 4" dial panel-mounted gauges, with chrome bezel, 0.5% accuracy full scale

TEST REGULATOR: Panel mounted pump 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:(OPTIONAL)

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						
	50 TON					CYLINDER
ANSI CLASS	150	300	600	900	1500	2500
1/2" - 2"	YES	YES	YES	YES	YES	YES
4" - 6"	YES	YES	YES	NO	NO	NO

SHIPPING WT: APPROX. 1500 LBS. 36" W X 30" L X 92" H