

barbee

MODEL MC SERIES PORTABLE VALVE TESTER



The **Model MC Series** is designed to test Control Valves, Ball Valves and check valves in the horizontal position using an Acme Screw clamping fixture. Tester is capable of performing seat and shell testing from 1/2" to 8" flanged valves Class 300, as well as seat tests with air.

Standard features include:

- Acme screw clamping fixture with seal plates with o-ring grooves for flanged valves up to 8"
- 1200 PSI hydrostatic shell test, optional 3000 PSI system available for smaller valves.
- 100 PSI air test with panel mounted regulator
- Panel Mounted flow meters for leak rate testing
- Built in Bubble Jar for bubble leak testing
- Aluminum plated seal plates with o-ring grooves to seal on flanges from 1/2" to 8" Class 300
- Powder coated cabinet and frame for long lasting durability
- Swivel casters with brakes for portability.
- Bubble jar with adapter plates and clamps
- Panel mounted pump regulator and gauge for hydrostatic leak testing
- 12" Acme screw wheel with speed handle for easy clamping & un-clamping.
- Stainless steel drip pan for water testing.
- Optional: Data Acquisition Cart with digital gauge, hardware & software for recording test data.

8780 Technology Way, Reno, NV 89521 619.585.8484 800.258.7848 Fax. 619.585.9996
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TEST COMPONENTS:

Flanged valves from 1/2" to 8" up to 20" long (face to face).

TEST PRESSURE: 1200 PSI std. optional 3,000 PSI test system available. 100 PSI air tests.

CLAMPING FIXTURE: 2" Acme screw
Seal plate has 3/8" NPT threaded outlet port with o-ring grooves to seal flanged valves from 1/2" to 8" 300# Class.

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 0-10,000 PSI hydrostatic test system.

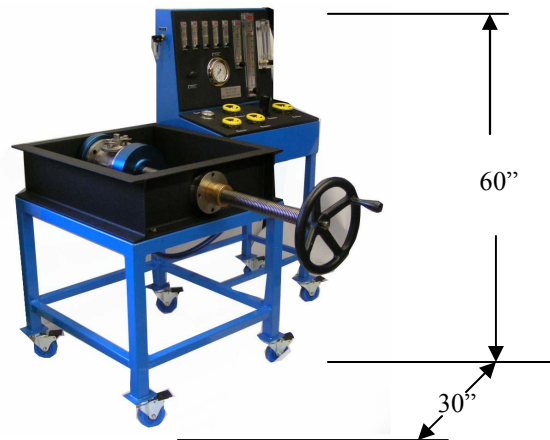
GAUGES: 4" dial panel-mounted gauges, with chrome bezel, 0.5% accuracy full scale 0-1500 psi

FLOWMETERS: 0.5 TO 1800 SCFH panel mounted flow meters. Bubble leak jar with adapter plates.

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.)

VALVE TEST CAPABILITY			
ANSI CLASS	150	300	600
1/2"-2"	YES	YES	YES
3"-5"	YES	YES	NO
6"-8"	YES	YES	NO



SHIPPING WT: APPROX. 1000 LBS. APPROX.