

barbee

MODEL TP-RV-VR

VACUUM -PRESSURE
RELIEF VALVE TESTER



The **Model TP-RV-VR** is designed to test low pressure relief valves with air and pressure-vacuum relief valves from 1/2" to 16" flanged valves.

Standard features include:

- Manual adjustable clamps (6 each) with slotted test plate
- Low pressure air test from 0-100 PSI
- Vacuum test range from 0-20" Hg
- 6" dial compound gauge 30" Hg to 100 PSI
- Control console cabinet, powder coated with swivel casters and brakes.
- Adapter plate with quick disconnects for 1/2" to 2" NPT valves
- 20 gallon vacuum/pressure surge tank
- Vacuum pump with built in pressure switch
- Panel mounted vacuum and pressure test regulators
- Panel mounted ball valves for easy control
- Extra gauge port connection with quick disconnect
- Adapter plate for threaded valves from 1/2" to 2" NPT

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Date: 3/29/2010 10:05:12 AM

Work Order: EVS1970

Test Sheet: RUN OFF TEST

Serial #: 1234

Technician: RG

Popping Pressure: 973.00 psi

Reseating Pressure: 493.00 psi

Target Pressure: 750

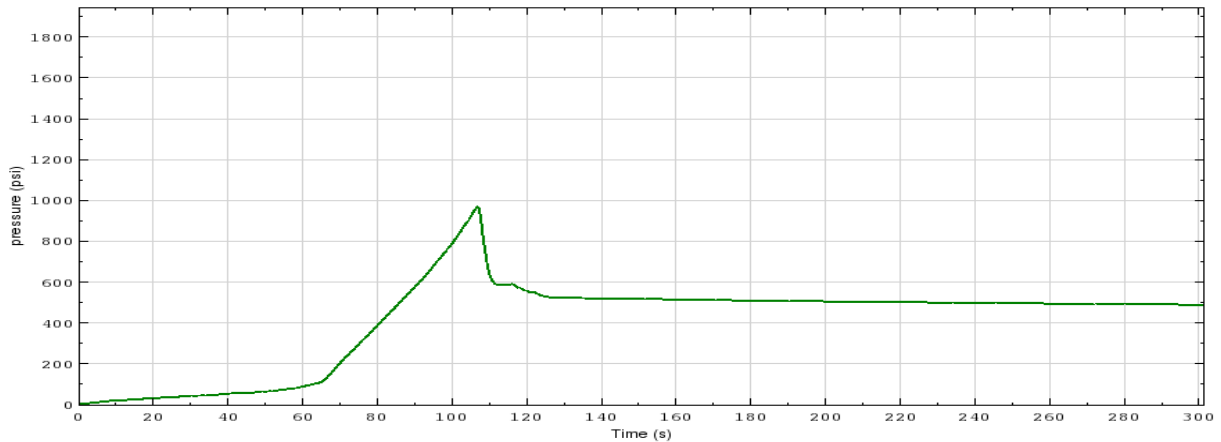
Valve: SRV

Valve Mfr: HYDRASEAL

Valve Size: 2 X 3

Ave. Slope: 1.65 psi/sec

Notes:



Data Acquisition: OPTIONAL:

The set (popping) pressure, re-seat pressure, valve model and serial number, size can be displayed along with other data such as technician name, and date. Data is displayed on the flat screen monitor of the computer, and can be saved in the system as well as printed with the ink jet printer installed inside the console shown below.



MODEL TP-RV-VR SPECIFICATIONS

TEST COMPONENTS:

Flanged and threaded relief valves from 1/2" to 2" NPT, 2" to 16" flanged.

TEST PRESSURE:

0-100 PSI air , 0-20Hg VACUUM

CLAMPING FIXTURES: Slotted test plate with 6 swivel clamping arms.

AIR TANK: 20 gal. ASME air surge tank , 200 PSI maximum pressure.

DATA ACQUISITION: (Optional)

PC, software and hardware included. Digital gauge 0-100 PSI with RS-232 port. Inkjet printer, cables, console with swivel casters.

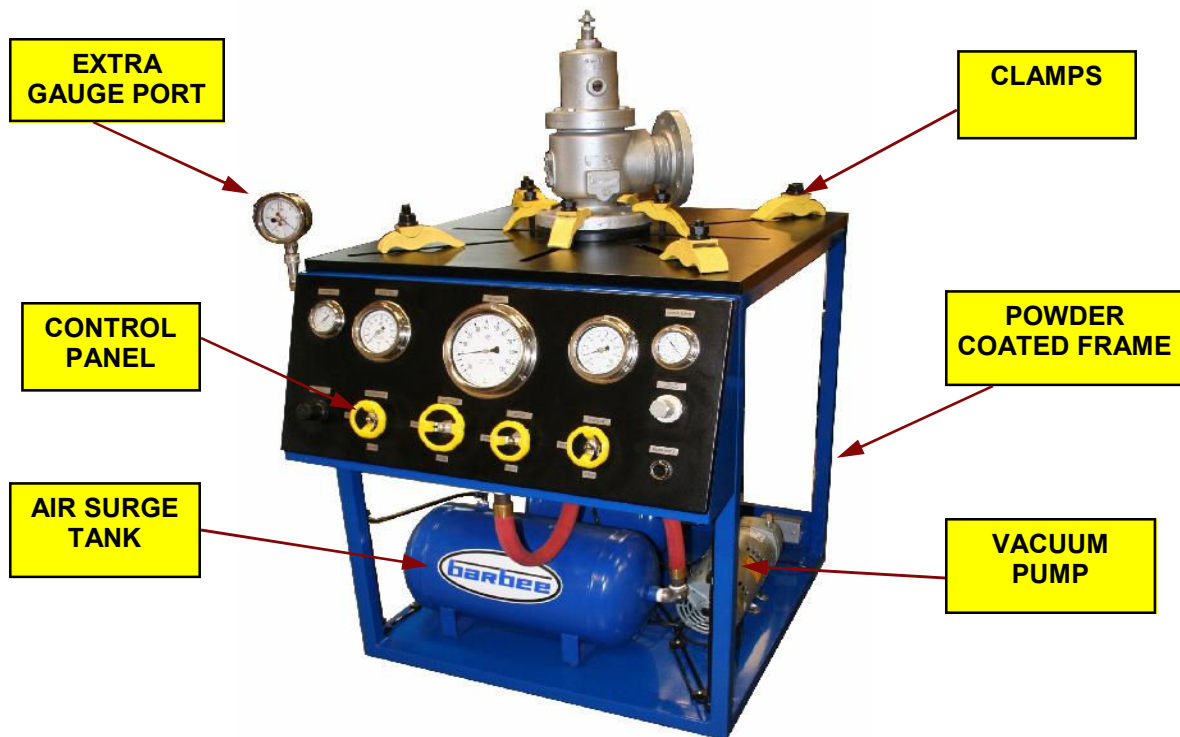
VACUUM PUMP: 120 VAC, 5 cfm, 20" Hg.

GAUGES: 6" & 4" dial panel-mounted gauges, 0.5% accuracy full scale, max pressure pointer, and gauge savers.

COMPONENTS: Panel mounted ball valves, pressure regulators for ergonomic controls.

UTILITIES REQUIRED: 120 VAC, shop air.

ACCESSORIES: Adapter plate for testing 1/2" to 2" NPT valves with quick disconnects.



DIMENSIONS: 48" L X 48" W X 42" H APPROXIMATE WEIGHT: 750 LBS.