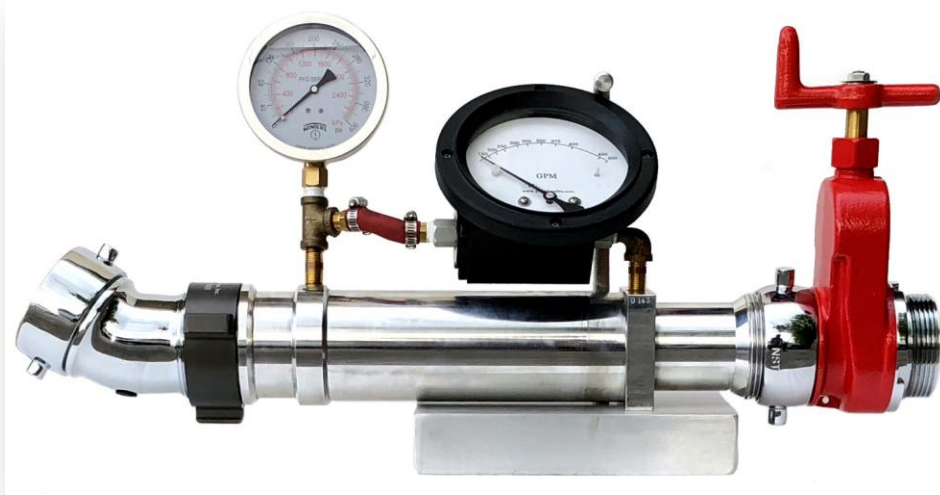




# Venturi Flowmeter H-F250, H-250P



## Operation:

For use in Flow Testing Fire Pumps, Pressure Reducing Hose Valves, Standpipe Flow Test, Hydrants and Nozzles. NFPA 13, 14 and 25 requires performing flow and pressure tests on these devices

- This Lightweight inline design incorporates a precision machined all-aluminum venture flow tube.
- 2-1/2" NST Hydrant Gate Valve Female swivel-inlet and Male NST for closing and opening can easily be disconnected for use in other test applications.
- A 4.5" Dial Direct read GPM flow Gauge for flow (150-500 gpm) accuracy  $\pm 2\%$  of Full Scale.
- A 4" Dial Pressure Gauge (0-400 Psi).
- A removable 2-1/2" NST 30\* Polished Chrome Brass Swivel Elbow for easy connection to Pressure Reducing Valves
- Base and carrying handle are also aluminum.

## Test Procedure:

1. Install the H-F250 Flow meter on the outlet of the Hose Valve or device to be tested.
2. Install a Fire Hose on the 2-1/2" NST outlet of the Gate Valve.
3. Connect the hose to the swivel inlet on the drain riser. If no drain riser, direct the hose stream to a safe place for discharge of water.
4. Close the Flow meter's Gate Valve
5. Now slowly open the Hose Valve until fully open.
6. Slowly open the Flow meter's Gate Valve.
7. Check that Fire Pump has started and that the water is safely discharging.
8. Continue to open the Flow meter's Gate Valve and control until the GPM Gauge shows the desired flow rate.
9. Record the residual Pressure of the Hose Valve and the flow.
10. Slowly close the Flow meter's Gate Valve.
11. With the Gate Valve completely closed, record the Static Pressure.
12. Close the Hose Valve, remove the Flowmeter device and replace the Hose Valve Cap.
13. Same procedure may be adopted to test the Zone control Valve by adding an Adapter.
14. The Unit should be flushed with clean water after each used and dried before storage.

