

Wall Panel Omni Valve (Vacuum Feed)

with 4-20mA Output Remote Meter Panel

The Hydro Instrument's wall panel package combines gas flow measurement and automatic flow control.

Capacities (PPD): 500, 1000, 2000,
4000, 6000, 8000 (10,000 Coming Soon)

Panel Components:

- Remote Meter Panel with 4-20mA Output (based on float position) visually indicates gas feed rate as well as outputs a 4-20mA signal proportional to gas flow from zero to full scale.
- Omni Automatic Control Valve: Provides automatic feed control, and when paired with the specially designed remote meter, can compare the valve position to the actual gas flow rate of the remote meter. The information is then used to trigger alarms if the requested gas flow does not match the actual gas flow.
- Differential Pressure Regulator (Optional): Maintains a constant pressure differential across a variable or fixed orifice providing a steady flow rate.
- Vacuum Trim Valve (Optional): Recommended for systems feeding more than 4,000 PPD or in high capacity systems using a differential pressure regulator where ejector vacuum levels may reach 14" Hg or more. (Trim valve not part of wall panel, it is a separate component and will ship separately)
- Vacuum Monitor (Optional): Indicates the vacuum level with independently adjustable high and low level alarms (in inches of Mercury units)
- Bypass Piping (Optional): Bypass Piping allows components to be removed without interrupting chemicals.



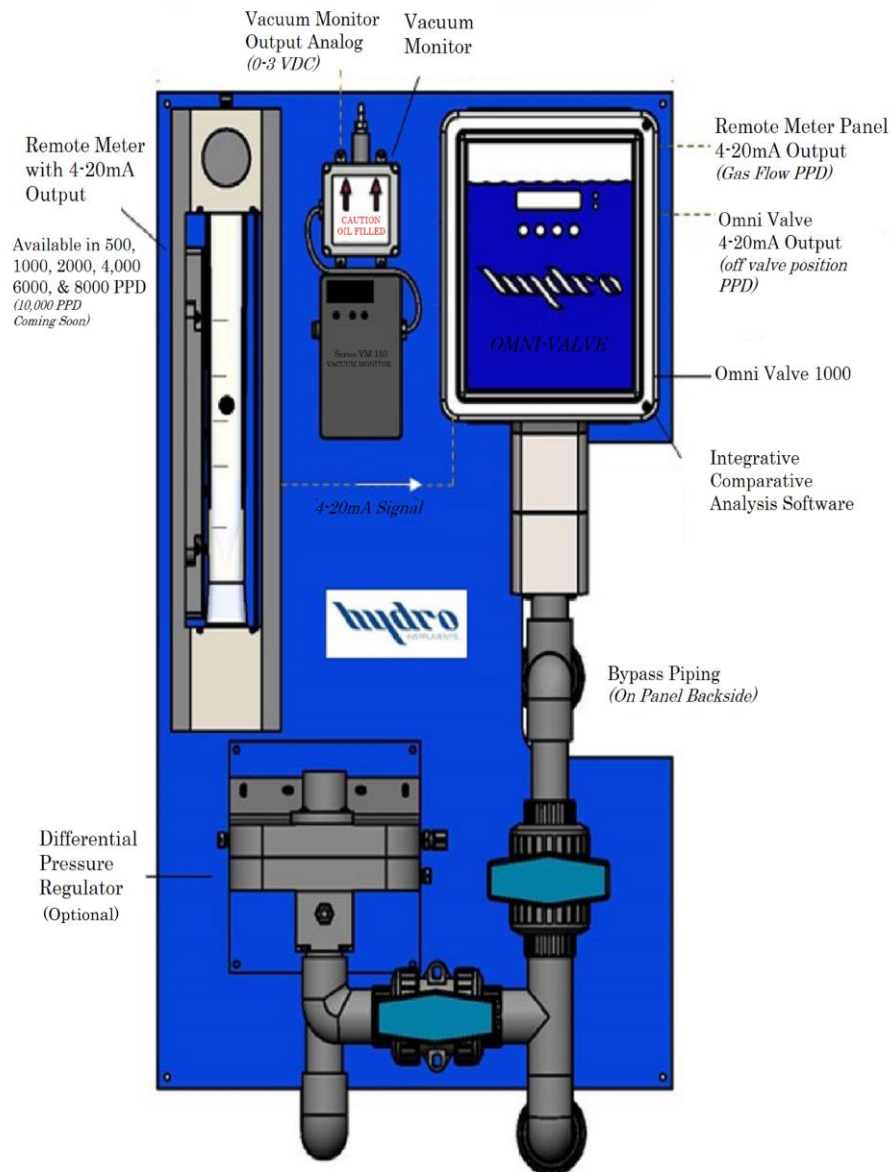
Features:

- Affordable and Reliable
- Accurate and Repeatable
- No Calibrations needed for the remote meter
- Less Intrusive
- Integrative Comparative Analysis software (Omni Valve, Series 1000)
- Small footprint for easy retrofit in place of existing chem-feed cabinets
- Equipment is surface mounted for ease of access.
- Modbus RS-485 Communication plus three analog inputs and two analog outputs

Bulletin, WPOV w/4-20mA Output, Pg 1 of 2, 7/10/20



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Chemicals	<input type="checkbox"/> Chlorine (CL2) <input type="checkbox"/> Sulfur Dioxide (SO2) <input type="checkbox"/> Other(Consult Factory)
Flow Meter Capacity (PPD)	<input type="checkbox"/> 500 <input type="checkbox"/> 1000 <input type="checkbox"/> 2000 <input type="checkbox"/> 4000 <input type="checkbox"/> 6000 <input type="checkbox"/> 8000 <input type="checkbox"/> 10000 (Coming Soon)
Control Configuration	<input type="checkbox"/> Flow Pacing <input type="checkbox"/> Residual <input type="checkbox"/> ORP <input type="checkbox"/> Compound Loop (Residual) <input type="checkbox"/> Compound Loop (ORP) <input type="checkbox"/> Step Feed <input type="checkbox"/> Dual Input Feed Forward
Power	<input type="checkbox"/> 120 VAC, 60 Hz <input type="checkbox"/> 240 VAC, 50Hz
Power Cable Length	<input type="checkbox"/> 6 ft (1.5m) Standard <input type="checkbox"/> Other
Signal Cable Length	<input type="checkbox"/> None <input type="checkbox"/> Included (Specify Length)
Power Line Isolators	<input type="checkbox"/> None <input type="checkbox"/> Included