



## Series 300 Ton Mounted Vacuum Regulators

Hydro Instruments has been manufacturing the highest quality gas chlorination and sulfonation equipment since 1978. The Series 300 direct ton-container mounting vacuum regulators offer feed rates up to 600 PPD (12 Kg/h) and can be outfitted with many different features.

### Features & Benefits

- Direct ton-container mounted.
- Chlorine (Cl<sub>2</sub>) and Sulfur Dioxide (SO<sub>2</sub>)
- Integral Monel drip-leg assembly, secured with a 4-bolt flange using 4 Monel socket, Allen head bolts
- Cadmium plated closed yoke assembly
- 25W heater, 158°F thermostat controlled (120VAC, 250VAC and 24VDC available)
- Solid PVC machined bodies, silver inlet valve stem, Tantalum springs and Hastelloy C276 seal adapter
- Includes flow meter tube up to 600 PPD (12 Kg/h)

### Optional Features

- Feed rate control valve
- Actuator mounting ton ironwork assembly  
Compatible with all popular brands of emergency shutoff actuators.
- Integral 'out of gas' alarm switch
- Integral compound pressure gauge (PVL-300-EW w/ Tantalum diaphragm protector)



### Convenience & Safety

The Hydro Instruments direct ton-container mounted vacuum regulators use a ton ironworks to mount the vacuum regulator directly to the ton-container gas valve. This significantly improves safety by eliminating the need for a pressurized gas manifold.

Hydro Instruments uses only the finest materials of construction such as Monel drip-legs, while many other brands use inferior steel drip-legs that rust and clog internally. Through our attention to detail we have optimized our design in many ways that make our product more durable, easier to use and easier to maintain.

Hydro Instruments makes every effort to maximize the convenience of our customers. This includes both designing our equipment for ease of operation and offering the best customer support.

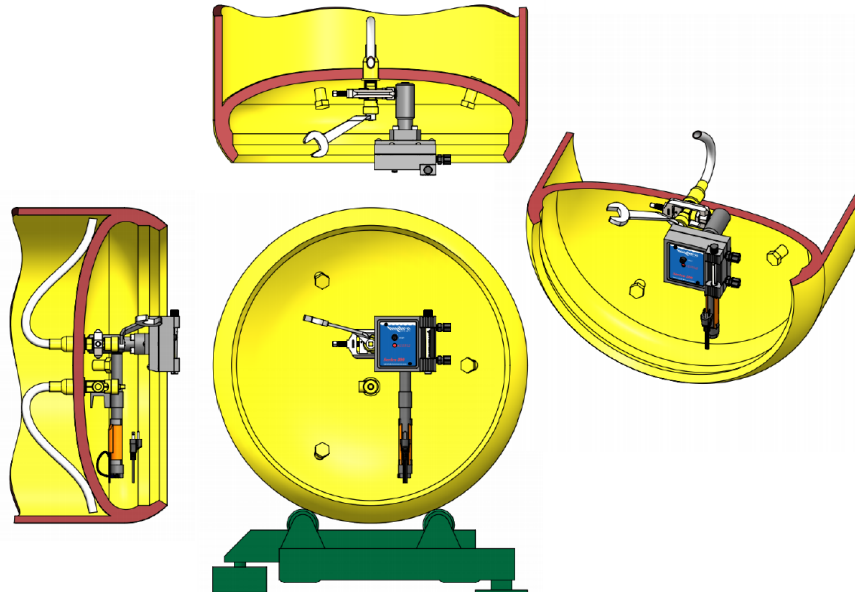
A commitment to quality, safety and convenience is what sets Hydro Instruments apart from the competition.



## Mounting Examples

### Vacuum Regulator with Ton Ironworks

Vacuum regulator mounts directly to the ton container gas valve.



### AW—Actuator Mounting Ton Ironworks

Ironworks has YAH-319 eccentric extender added for use with emergency shutoff actuators.

