



MODEL VR4

**INTEGRAL METER TUBE
GAS CHLORINATOR**

-INNOVATION & QUALITY-

The Model VR4 Integral Meter Tube Vacuum Regulator is designed for applications ranging from single-cylinder systems to multi-cylinder automatic switchover systems. The design incorporates a built-in meter tube for local feed rate indication.

The VR4 is available for use with Chlorine or Sulfur Dioxide & for feed capacities up to 100 PPD (2 kg/hr). The VR4 is available for use on upright (150lb) cylinders or ton containers (with one of the ton container adapters manufactured by Archer Instruments). The VR4 incorporates:

- a simple, reliable empty-tank indicator
- built-in relief (vent) valve
- (optional) integral rate valve



Shown above: VR4-10C

What sets the VR4 apart?

- Solid all-machined construction, using only high quality materials: Hastelloy-C Inlet Capsule, Silver Inlet Valve, Tantalum Inlet Spring, Tantalum Vent Spring, PVDF Guide Pin, PVDF Rate Valve (Silver Rate Valves & Guide Pins are also available)
- Innovative rate valve design (25 PPD & below), providing the smoothest & most precise manual feed rate control available in the world
- Easily removable inlet filter cartridge & porous PTFE (Teflon) filter (≤ 100 PPD)
- 3-year warranty and the most comprehensive list of lifetime-warranty parts: front body, back body, inlet capsule, inlet spring, vent spring & diaphragm

Vacuum Tubing (LDPE tubing)			
Model #	Capacity	Vacuum Tubing	Vent Tubing
VR4-10X	100 PPD (2kg/hr)	3/8" OD	3/8" OD
"X" = <u>C</u> - Chlorine / <u>S</u> - Sulfur Dioxide			

VR4 Materials of Construction

PVC, PVDF (Kynar), PTFE (Teflon), Hastelloy-C276, Monel, Tantalum, Silver, FKM (Viton), Polyethylene



635A Twisted Wrench

Some Examples of Related Products Available From Archer Instruments



MPA-40X Remote Meter Panel



SMA-10X Switchover Module



EOA-10X Ejector



TCA-MONEL Ton Container Adapter