



# MODEL SR9

**AUTOMATIC SWITCHOVER  
GAS CHLORINATOR**

## -INNOVATION & QUALITY-

The Model SR9 Auto Switchover Vacuum Regulator is designed for use in pairs. The design incorporates a simple & reliable detent mechanism, which allows the user to place one regulator in “stand-by”. In this condition the SR9 will not allow gas to flow. However, when the on-line gas source becomes empty, the stand-by SR9 will automatically switch into operation.

The SR9 is available for use with Chlorine, Sulfur Dioxide and other gases & for feed capacities up to 1,000 PPD (20 kg/hr). The SR9 is available for use on upright (150lb) cylinders or ton containers (with one of the ton container adapters offered by Archer Instruments). The SR9 incorporates:

- Clear position indicator
- Built-in relief (vent) valve
- (Optional) attached meter tube



Shown above: SR9-10C

### *What sets the SR9 apart?*

- Solid all-machined construction, using only high quality materials: Hastelloy-C276 Inlet Capsule, Silver Inlet Valve, Tantalum Springs
- Designed with fewer parts for more reliable operation & easier maintenance
- Easily removable inlet filter cartridge & porous PTFE (Teflon) filter ( $\leq 100$  PPD)
- 3-year warranty and the most comprehensive list of lifetime-warranty parts: front body, back body, inlet capsule, inlet spring, vent spring, vent seat & diaphragm

<b>Vacuum Tubing (LDPE tubing)</b>			
Model #	Capacity	Vacuum	Vent Tubing
SR9-10X	100 PPD (2kg/hr)	3/8" OD tube	3/8" OD
SR9-25X	250 PPD (5kg/hr)	1/2" OD tube	3/8" OD
SR9-50X	500 PPD (10kg/hr)	5/8" OD tube	3/8" OD
SR9-1000X	1,000 PPD (20 kg/hr)	1" PVC Pipe	1/2" OD
"X" = <u>C</u> - Chlorine / <u>S</u> - Sulfur Dioxide			

### **SR9 Materials of Construction**

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



SR9-10C (Rear View)

## **Some Examples of Related Products Available From Archer Instruments**



MPA-10X 3" Remote Meter Panel  
Accuracy: +/- 4% of Scale  
Turndown: 20 : 1



MPA6-10X 6" Remote Meter Panel



EOA-10X Ejector



TCA-MONEL Ton Container Adapter