



Hydro Instruments  
600 Emlen Way  
Telford, PA 18969  
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## Preventative Maintenance & Cleaning of Gas Chlorination Components

To ensure the longevity of your Hydro Instruments product(s) we recommend that they be routinely checked for cleaning and replacement of worn or damaged parts.

### **Recommended Guidelines for Preventative Maintenance:**

1. Service vacuum regulator(s) every 12 months.
2. Service the switchover module every 12 months.
3. Service rate valve assemblies every 4-12 months.
4. Service flow meter(s) (vacuum regulator & remote meter) every 12 months.
5. Service ejector(s) every 12 months.
6. Replace vacuum tubing every 12-18 months.
7. Replace vacuum tubing fittings every 18-24 months.

For detailed instructions on servicing your Hydro Instruments product(s) please refer to the appropriate Operation & Maintenance manual. This manual was provided with your Hydro Instruments gas chlorination system. The manual can also be downloaded from the Hydro Instruments website [www.hydroinstruments.com](http://www.hydroinstruments.com).

### **Proper Cleaning of Gas Chlorination Components:**

When servicing your Hydro Instruments gas chlorination equipment you may find it necessary to clean parts due to chemical precipitants or accumulation of some other foreign matter. When this circumstance presents itself please follow these guidelines to make sure those parts do not become damaged or disfigured:

1. Only use mild solvents such as: Soap & Water, Aqueous acid or Isopropyl alcohol.

**NOTE: NEVER USE HARSH CHEMICALS THAT CAN ATTACK THE MATERIAL IT'S BEING USED ON. FOR EXAMPLE: DO NOT USE ACETONE OR CLEANING AGENTS CONTAINING ACETONE ON PLASTIC OR RUBBER.**

2. Use a soft, nonabrasive cloth to wipe away the accumulation of debris or chemical build up. This is especially true for parts that require a smooth surface to seal properly (i.e. the inlet valve stem or rate adjustment valve).
3. Make sure to only use new O-rings and gaskets of the appropriate material when putting the product back together. Worn or compromised seals can be a hazard.



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IMPORTANT: USE ALL RECOMMENDED PRECAUTIONS WHEN USING CHEMICALS OF ANY KIND, INCLUDING SAFTY GOGGLES, GLOVES, FACE PROTECTION, ETC. SOME CLEANING AGENTS MAY BE DANGEROUS IF MIXED TOGETHER OR MAY HAVE A REACTION WITH THE CHEMICAL THE PRODUCT IS USED TO FEED. ALWAYS MAKE SURE THAT PARTS ARE COMPLETELY CLEAN AND DRY BEFORE REASSEMBLY AND PUTTING THE PRODUCT BACK INTO USE.