

Corrosive and Dangerous Gas Policy

V1.2 Effective: July 2020

This Corrosive and Dangerous gas policy is applicable the Vögtlin SmartTrak 100 Series capillary products.

This policy details specific information regarding the service and warranty of Vögtlin SmartTrak 100 Series capillary products in applications where the gas used can pose a danger to Vögtlin employees. When such a device is returned to our facility, Vögtlin technicians may be exposed to chemical burns and respiratory hazards. There is also a risk that Vögtlin calibration facilities can become contaminated.

Return Policy Concerning Scientific Units Exposed to Corrosive and/or Dangerous Gases

Vögtlin 100 SmartTrak Series capillary products are compatible with most gases due to their 316 stainless steel flow bodies and sensors, provided they are used with the recommended elastomeric seal material. However, these gases can often mix with other gases or liquids/vapors during use which can alter their chemical properties and create a corrosive or dangerous condition. Because of safety concerns, Vögtlin has adopted a "Do Not Return" policy for meters and controllers subjected to the following gases:

Gas Name	Gas Symbol
Boron Trichloride	BCl ₃
Chlorine	Cl ₂
Fluorine	F ₂
Hydrogen Chloride	HCl
Hydrogen Fluoride	HF
Hydrogen Sulfide	H ₂ S
Nitrogen Dioxide	NO ₂
Tungsten Hexafluoride	WF ₆
Sulfur Dioxide	SO ₂
Uranium Hexafluoride	UF ₆

Vögtlin Policy Summary

1. Other gases that are not listed might also be considered corrosive or dangerous. Before attempting to return a device to the Vögtlin factory for service, please provide Technical Support with a Material Safety Data Sheet (MSDS) for approval before attempting to ship.
2. Devices subjected to listed or non-approved gases are NOT to be returned to the Vögtlin factory for service or calibration, regardless of purging or cleaning.
3. The normal 1-year warranty is void once the device is exposed to one of these gases.
4. If a problem arises, contact Vögtlin Technical Support for a possible solution.
5. If a device has been calibrated for one of the above gases but has not yet been exposed to it, it may be returned for service. A signed Non-Exposure Statement must accompany the shipment. This document is provided by Vögtlin Instruments website upon request. If there is any question, please contact Vögtlin Technical Support.
6. An Ammonia device may be returned for service through the RMA process, provided a "Declaration of Decontamination" is included.