

Lab Safety Equipment



580 SERIES

Toxic and Corrosive Gas Detectors

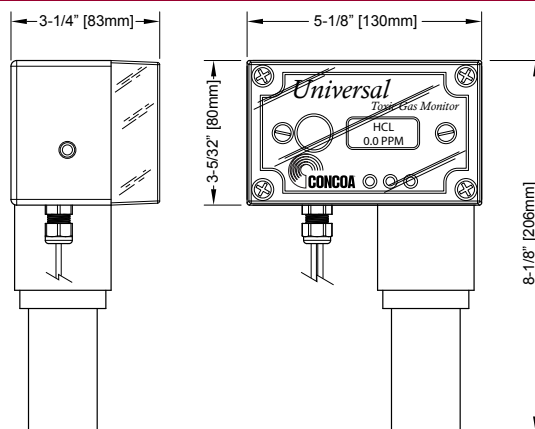
The 580 Series Toxic and Corrosive Gas Detectors provide protection for laboratories using hazardous gases. A single generic controller is connected to a renewable sensor specific to a particular gas and measurement range. The detector features built-in audible and visual alarms along with analog and contact relay outputs for integration with a CONCOA 585 Series Emergency Shut Off Controller or building monitoring system. Sensor status is continuously monitored and is easily recharged or replaced.



Specifications

Sampling Method	Diffusion	Analog Output	4-20 mA
Accuracy	±10% of full scale	Power Requirements	24 VDC 250 mA
Sensor Type	Renewable electrochemical self-checking	Weight	1.2 lbs. (.5 kg)
Sensor Life	3 - 8 years	Enclosure	Polycarbonate
Operating Temperature	-25°F to 120°F (-32°C to 50°C)		
Signal Outputs	Dual level + fault: 24 V (2 A)		

Installation Dimensions



Ordering Information

Order No.	Description	Order No.	Description
580 3030	Toxic Gas Monitor	580 3036	Hydrogen Fluoride sensor
580 3031	Ammonia sensor	580 3037	Hydrogen Sulfide sensor
580 3032	Boron Trifluoride sensor	580 3038	Nitrogen Dioxide sensor
580 3033	Chlorine sensor	580 3039	Hydrogen Chloride sensor
580 3034	Fluorine sensor	580 3040	Sulfur Dioxide sensor
580 3035	Hydrogen Cyanide sensor	830 9211	24 VDC Powersupply (100-240 VAC)

Other gas sensors available; contact CONCOA for more options. Sensors require 580 3030 Toxic Gas Monitor to function.