

# GCS580 AMMONIA MONITOR



The GCS580 is a wall-mount air monitoring system for sampling multiple stores that draws samples from up to 16 zones in a facility. By drawing samples of the atmosphere in each zone to one central unit the need for numerous sensors is eliminated, lowering the initial cost as well as recurring costs for multiple sensor calibration and maintenance.

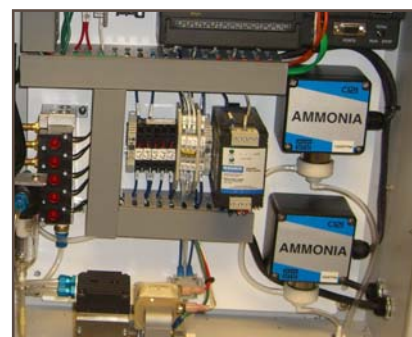
Two ammonia analyzer sensors are used internally; one that is used to identify ammonia levels from 0-1000ppm in storage rooms and another with a range of 0-10000ppm for compressor rooms. The system passes the sample from each zone through both sensors to verify an accurate reading. If the difference between the two readings falls outside an acceptable range, the system notifies the operator that a calibration is necessary, ensuring reliability.

An audible/visible alarm is installed in the equipment room to notify operators immediately. The alarm includes a 25W flashing light and a 95dB piezo sound alarm. The system is also equipped with a telephone dialer to call pre-programmed telephone numbers to notify the operators of an alarm, as well as by email or SMS text alert.

The system may be ordered with control capabilities added to the system as the model **GCS585**.

## SPECIFICATIONS

- Dual-Sampling System
- 0-1000ppm Sensor for Storage Rooms
- 0-10000ppm Sensor for Compressor Rooms
- Multi-Zone Control - Up to 16 Zones
- Telephone, E-Mail or SMS Alerts on Alarm
- Flashing Light/Audible Alarm
- Control Capability Optional (**GCS585**)
- Also Available in:
  - Oxygen (O<sub>2</sub>) (Model No. GCS590/GCS595)
  - Carbon Monoxide (CO)
  - Carbon Dioxide (CO<sub>2</sub>)
  - Temperature (Requires Remote Probes)
  - Ethylene
  - Relative Humidity



*Dual-Sensor Design Allows for Extreme Precision*



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