**E/ONE’S GGA/GCM-X GAS STATION** combines continuous gas purity monitoring with early warning of generator overheating to give operators the information they need to maintain the highest levels of safety, efficiency, and risk mitigation. The GAS station puts two E/One technologies into an economical, fast lead time solution. This GAS station incorporates international requirements for hazardous area locations and is available in an open frame or NEMA 3R configuration.

### SPECIFICATIONS

#### GENERATOR GAS ANALYZER (GGA)
- **Technology:** Thermal Conductivity
- **Operation:** 70% to 100% H2 in Air
- **Purge:** 0 to 100% H2 in CO2
- **Flow Rate:** Nominal 500 cc/min
- **Resolution:** ± 0.1%
- **Accuracy:** ± 0.5% F.S. H2 in Air
  ± 1.0% F.S. H2 in CO2
  ± 1.0% F.S. Air in CO2
- **Linearity:** ± 1.0% F.S.
- **Drift:** < 0.2%/month

#### GENERATOR CONDITION MONITOR (GCM-X)
- **Technology:** Ionization Chamber
- **Flow Rate:** Adjusted by internal valve
- **Differential Pressure:** 4” H2O (102 mm) minimum

#### Bar Graph Readout
- **Normal Operation:** 80% of scale
- **Warning Condition:** 65% of scale (adjustable)
- **Alarm Condition:** 50% of scale
- **Flow:** 1.5

### ELECTRICAL CHARACTERISTICS
- **Input Voltage:** 115 VAC (230 VAC available)
- **Input Frequency:** 50/60 Hz
- **Outputs:** Three 4-20 mA signals
  Seven relays

### MECHANICAL CHARACTERISTICS
- **Temperature:** 32-140°F (0-60°C)
- **Relative Humidity:** 0-95%
- **Gas Pressure:** 100 psi maximum
- **Calibration Gas Connections:** ¼” Compression
- **Fan Pressure/Suction:** ½” Compression
- **Paint:** Powder Coat, Blue
- **Area Classification:** Class I, Zone 2
  Group IIB + H2

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**OPEN FRAME CONFIGURATION**

**NEMA 3R CONFIGURATION**

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**GENERATOR GAS ANALYZER (GGA)**
- Microprocessor controlled with self-diagnostics
- Differential pressure and Case pressure indicating transmitters, ranged for site specific needs*
- Triple range (normal operation and purge)
- Best in class accuracies with minimal drift

*Also available in dual gauge/dual transmitter version

**GENERATOR CONDITION MONITOR (GCM-X)**
- Microprocessor controlled with self-diagnostics
- Automatic alarm verification
- Automatic sampling system
- Differential pressure indicating transmitter for stable flow control
- Dual bar displays for flow and output
- Status and alarm indicators
Door swing on NEMA enclosure is typical for both front and rear doors. Dimensions are for reference only and do not include recommended clearances. Contact E/One for detailed outline drawings.