

Portable Gas Analyzer

Gas purity is a critical life safety issue, making monitoring for potentially explosive levels essential.



SPECIFICATIONS

MEASUREMENT CHARACTERISTICS

Technology Principle	Thermal Conductivity
Case Purity	70 to 100% H ₂ in air
Purge	0 to 100% H ₂ in CO ₂ 0 to 100% Air in CO ₂
Hydrogen Flow Rate	100 to 700 cc/min
Accuracy	+/- 1% of full scale @ 80% to 100% H ₂ in air

ELECTRICAL CHARACTERISTICS

Input Voltage	115 VAC, 50/60 Hz or 230 VAC
Output, Signal	4-20 mA
Area Classification	General Purpose

MECHANICAL CHARACTERISTICS

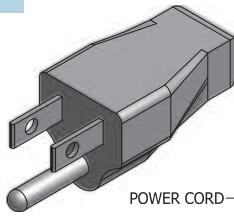
Overall Dimensions	8.5" x 10" x 11"
Hydrogen Pressure	100 psi maximum
Gas Connections	1/4-inch female NPT

The PGA is a triple-range sensor/analyzer that provides a temporary means of monitoring gas purity during all phases of generator operation, including filling and purging. We've taken a proven monitoring principle — thermal conductivity — and improved upon it. The result of E/One's development work is an extremely accurate, robust, and stable analyzer that eliminates the issues of drift and need for frequent recalibration seen in other thermal conductivity systems.

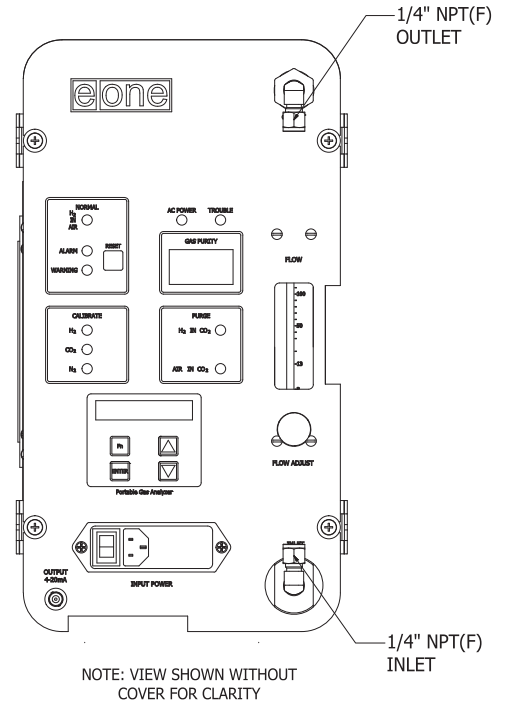
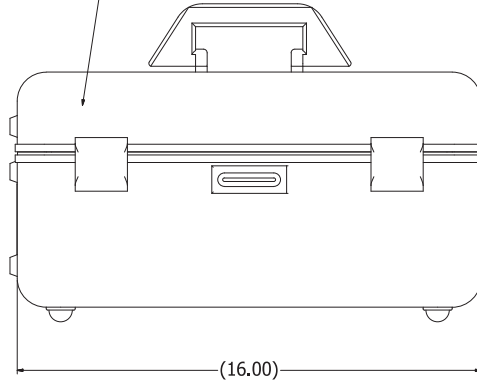
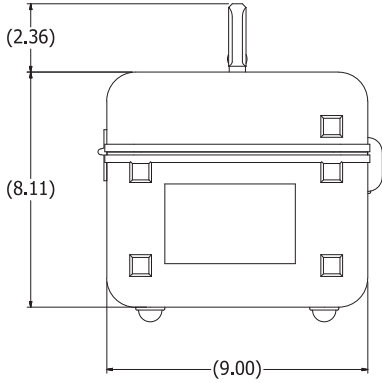
FEATURES AND BENEFITS

- Increased generator efficiency and safety
- Microprocessor controlled
- General purpose design (for use in a safe area)
- Housed in durable carry case
- Self contained

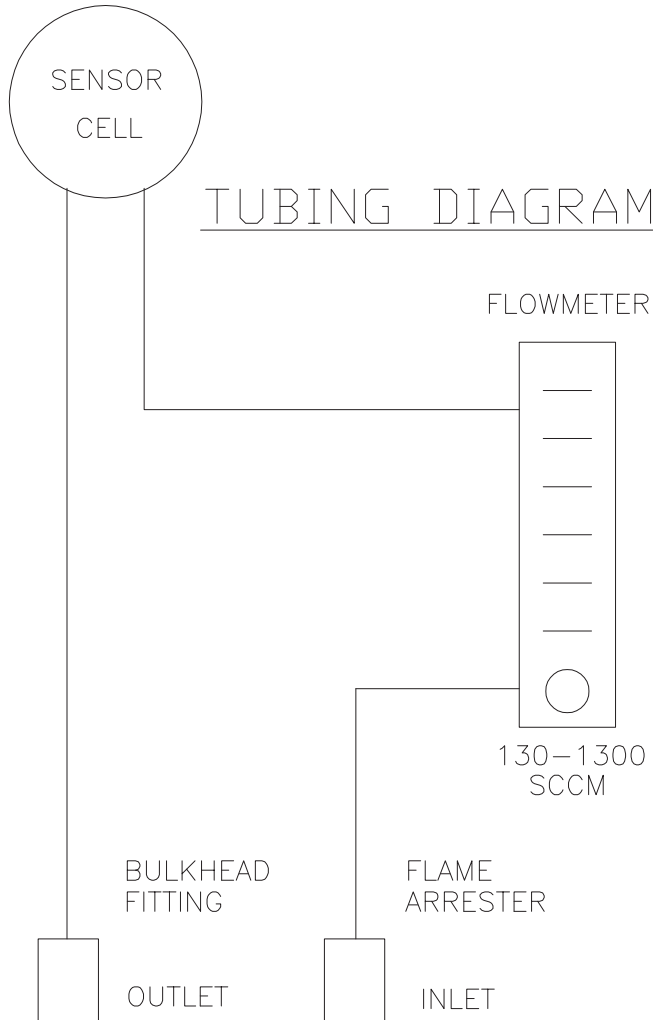
OUTLINE



POWER CORD



P & ID



Environment One Corporation
Utility Systems / 2773 Balltown Road / Niskayuna, NY 12309 USA
Voice: 518.346.6161 / Fax: 518.346.4382 / www.eone.com/solutions

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