Portable Gas Analyzer

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

SPECIFICATIONS

MEASUREMENT CHARACTERISTICS

Case Purity	70 to 100% H2 in air
Purge	0 to 100% H2 in CO2 or H2 in Argon
	0 to 100% Air in CO2 or Air in Argon
Hydrogen Flow Rate	100 to 700 cc/min, 500 cc nominal
Resolution	+/- 0.1%
Accuracy	+/- 0.5% F.S. on H2 in Air +/- 1.0% F.S. on H2 or Air in CO2
Linearity	+/- 1.0% F.S.
Drift	<0.2%/month

MEASUREMENT CHARACTERISTICS

Power	115 VAC, 50/60 Hz or 230 VAC
Output, Signal	4-20 mA

MECHANICAL CHARACTERISTICS

Enclosure Dimensions	Approx. 8" x 9" x 16"
Area Classification	None
Hydrogen Pressure	100 psi maximum
Gas Connections	¼-inch compression

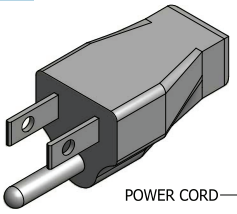
The PGA is a triple-range sensor/analyzer that provides a temporary means of monitoring gas purity during all phases of generator operation, including filling and purging. We've taken a proven monitoring principle — thermal conductivity — and improved upon it. The result of E/One's development work is 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

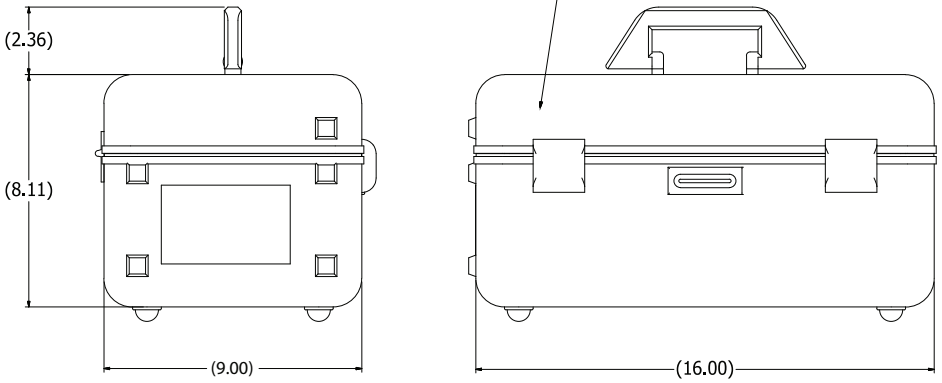
- Increased generator efficiency and safety
- Microprocessor controlled
- General purpose design (for use in a safe area)
- Housed in durable carry case
- Self contained
- Can be used with CO2 or Argon as a purge gas

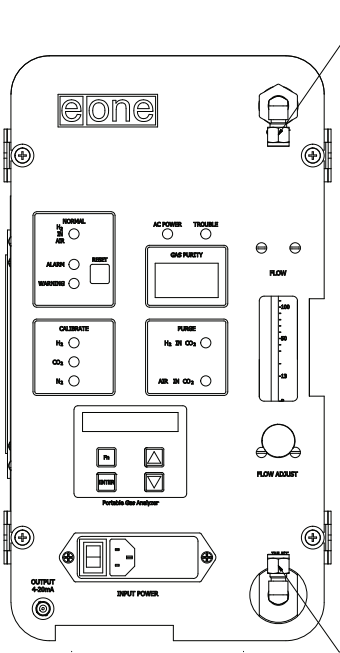
e|one
H2 SYSTEMS

OUTLINE



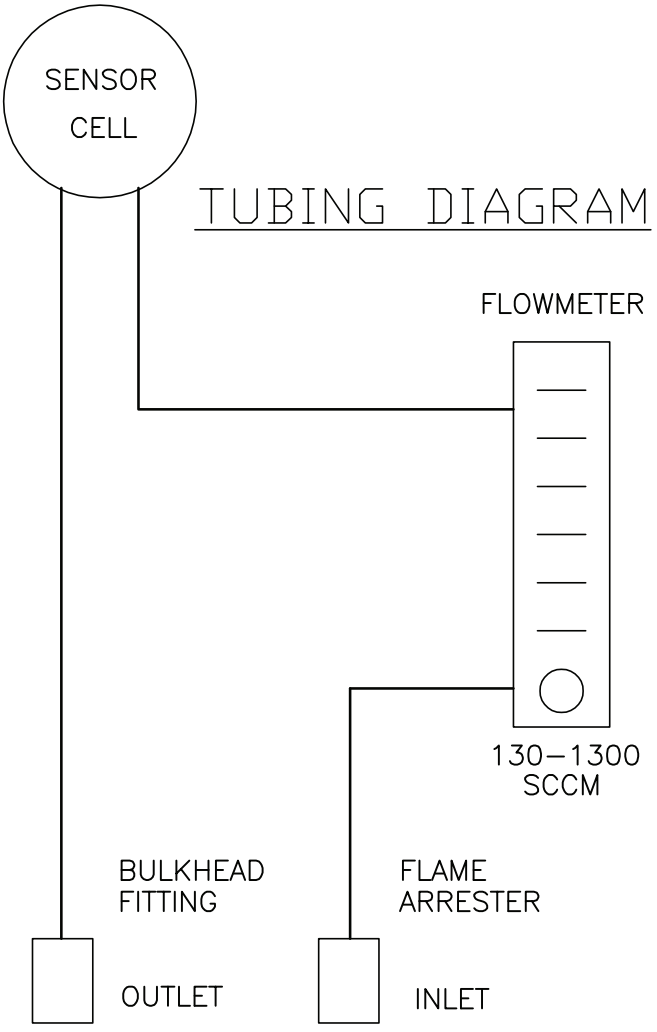
POWER CORD





NOTE: VIEW SHOWN
WITHOUT COVER FOR CLARITY
AND WITH CO2 AS
PURGE GAS

P & ID



H2 SYSTEMS
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