

EASI-1N

ETHYLENE ATMOSPHERE SAMPLING INSTRUMENT

These features fit in a light (~5 lb) compact (8.5" W x 10" D x 6" H) instrument suitable as a field-portable device and sophisticated enough for laboratory use. The basic device offers high sensitivity (10 ppb – 10 ppm) and rapid response time (<1 min per sample).



TECHNICAL SPECIFICATIONS

Dimensions: 8.5" W x 10" D x 6" H (22cm W x 25cm D x 15cm H)

Weight: 5 lb (2.2 kg)

Enclosure: Anodized/Painted Aluminum

Power Input: 5 VDC, 750 mA (110-240 AC Outlet Power)

Battery: 8,000 mAh Rechargeable Li-Polymer (tested up to 24 hr continuous operation before "low battery" warning)

Air sampling ports: Quick connects standard on inlet and outlet.

Sensor type: Electrocatalytic

Air sampling rate: Default 150 ml/min (Adjustable from 75 to 300 mL/min at customer request)

Sampling rate: User adjustable: 1 per minute to 1 per day

Measurement Range and Resolution: 0.001 ppm

(Auto ranging option)

Measurement Accuracy: +/- 0.1% of full scale

Operating environment:

- 0°C to 45°C (32°F to 113

- 10-100% Relative Humidity

Display: Graphical color LCD with backlight adjustment

Data logging: Internal storage for >10,000 data points; Built-in SD

Memory: Card storage. Software for offline data storage and analysis: export to spreadsheet.

Networking: Ethernet, USB, and optional 4-20mA or Bluetooth connection

Warm-up time: Minimum of 10 minutes and up to 1 hour recommended



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