



aurora
SCIENTIFIC
www.AuroraScientific.com

Performance.
Precision.
Progress.

Specifications

For Aurora Scientific Model: 100A

- Detector Technology: Photoionization, with 10.6 eV RF-excited electrodeless discharge tube.
- Frequency Response: 50 Hz.
- Detection Limit: 40 ppb (propylene).
- Operating Concentration Ranges: Gain 1: 0 - 800 ppm, Gain 2: 0 - 200 ppm, Gain 3: 0 - 50 ppm, Gain 4: 0 - 25 ppm
- Precision: 5.0% (all gain ranges).
- Air Sampling Rate: 1.0 liters/minute.
- A/D Converter: 20-bit precision, wide dynamic range, charge digitizing.
- Communications: RS-232 or RS-485.
- Operating Humidity Range: 0 to 100% RH (non-condensing).
- Operating Temperature Range: 32F to 105 (0C to 40C).
- Enclosure: Anodized aluminum.
- Dimensions: 2.0" (5.1 cm) high, 3.0" (7.6 cm) wide, 8.75" (22.2 cm) long.
- Weight: 2.25 lbs. (1.0 kg).
- Power: 1.5A @ 12VDC.