



FEATURES

- Low-level PPM or PPB gas measurement
- RS-485 Communication Interface
- 3-5 Year sensor life - Zero calibration required
- Easy to use - Set it and forget it technology
- Operating temperatures: -4°F to +140°F (-20°C to +60°C)
- Fail-safe - Built-in self-test
- Back-lit LCD Display
- 4-20mA output
- User-adjustable dual alarm relays
- One fault relay
- Durable XP Housing; Certified for hazardous locations
- Haz Loc certified
- Ratings: Class I & II, Division 1, Groups B, C, D, E, F, G. Class III Type 4X/IP66 | ATEX* - Ex d IIC | Ex d IIC IEC 60529 IP66 | IECEx* Ex db IIC T4 Gb | Tamb" -20°C to +60°C

Explosion-Proof Universal Gas Monitor

ITEM# EPU

Product Summary

The EPU Gas Monitor accurately measures low levels of toxic and combustible gases in parts-per-million (ppm) or as low as parts-per-billion (ppb). The EPU Gas Monitor is well suited for environments such as semiconductor, research and development, pharmaceutical manufacturing, warehouses, laboratories, agriculture facilities, and other locations where combustible, toxic gases such as CO, IPA, H₂S, PH₃, HCN, SO₂, EtO, H₂O₂, Cl₂, H₂, NH₃, NO₂, NO, and HCL.

Operator interface is via a menu driven magnetic keypad allowing full access without opening the enclosure.

The RS-485 interface allows data transmission including gas level, and monitor transmitter number for easy identification.

The Monitor is housed in a corrosion and water resistant NEMA 4 explosion proof enclosure suitable for Class I & II, Division 1, Groups B, C, D, E, F, G.

Class III Type 4X/IP66 | ATEX* - Ex d IIC | Ex d IIC IEC 60529 IP66 | IECEx* Ex db IIC T4 Gb | Tamb" -20°C to +60°C

Why Choose PureAir?

PureAir Monitoring Systems, Inc. is an industry leader in oxygen monitoring and gas detection. For over 25 years, we have dedicated ourselves to the safety of our clients, and the customers they serve, by manufacturing monitors that are long-lasting, accurate, and reliable. PureAir takes pride in providing exceptional customer service along with 24/7 availability to our technical service department.

Why an EPU Gas Monitor?

The PureAir EPU Gas Monitor is designed for continuous monitoring in confined spaces where low ppm toxic, combustible gases are used and pose a hazard to personnel and facilities.

What gases can be detected with an EPU Gas Monitor?

PureAir's EPU Gas Monitor continuously measures levels of toxic, combustible gases such as CO, IPA, H₂S, PH₃, HCN, SO₂, EtO, H₂O₂, Cl₂, H₂, NH₃, NO₂, NO, and HCL.

Set Up

Secure the EPU Monitor to the wall so the display is visible, and connect the monitor to the power source. The EPU Monitor will begin measuring gas levels after a brief startup period. Gas levels are displayed clearly on the screen for easy access and visibility.

Industries That Need This Product

- Oil & Gas
- Semiconductor
- Wastewater Treatment
- Parking Garages
- Pharmaceutical
- Laboratories
- Agriculture

Top Advantages of an EPU Gas Monitor



Gas Detector Alarms

PureAire's EPU Gas Monitor comes with 2 adjustable alarm set-points that can connect to a horn/strobe, exhaust fans, multi-channel controller, remote display, or into building systems. Alarm signals also can tie into automatic shut-off valves when gas levels reach an unsafe OSHA threshold.



Easy To Use

The EPU Gas Monitor provides constant monitoring with no adjustments for 3-5 years, saving you time and money while allowing the monitor to operate seamlessly.

AVAILABLE GASES Electrochemical Sensor Cells*

PART No.	DESCRIPTION
98101	EPU Carbon Monoxide (CO) Gas Monitor
98102	EPU IPA Gas Monitor
98103	EPU Hydrogen Sulfide (H ₂ S) Gas Monitor
98104	EPU Phosphine (PH ₃) Gas Monitor
98105	EPU Hydrogen Cyanide (HCN) Gas Monitor
98106	EPU Sulfur Dioxide (SO ₂) Gas Monitor
98107	EPU Ethylene Oxide (ETO) Gas Monitor
98108	EPU Hydrogen Peroxide (H ₂ O ₂) Gas Monitor
98109	EPU Chlorine (CL ₂) Gas Monitor
98110	EPU Hydrogen (H ₂) Gas Monitor
98111	EPU Nitrogen Dioxide (NO ₂) Gas Monitor
98112	EPU Nitric Oxide (NO) Gas Monitor
98113	EPU Hydrochloric Acid (HCL) Gas Monitor
98114	EPU Ammonia (NH ₃) Gas Monitor

* 3-5 Year Sensor Life

