



MultiRAE Lite

Wireless Portable Multi-Gas Monitor



The MultiRAE Lite is an optimal one-to-six⁴-gas monitoring solution for personal protection (including confined space entry) and multi-gas leak detection applications. Available in pumped and diffusion versions and featuring the broadest selection of sensor options in its class, it can be configured to exactly meet the needs and compliance requirements of various countries, industries, and applications.

The MultiRAE Lite's wireless capability elevates worker protection to the next level by providing safety officers real-time access to instrument readings and alarm status from any location for better visibility and faster incident response.

- Highly versatile and customizable for different applications
- Available in pumped and diffusion versions
- Man Down Alarm with real-time remote wireless notification
- Easy maintenance with replaceable sensors, pump, and plug-and-play battery
- Fully automated bump testing and calibration with AutoRAE2¹

KEY FEATURES

Wireless. Versatile. Proven.

- Wireless access to real-time instrument readings and alarm status from any location
- Unmistakable five-way local and remote wireless notification of alarm conditions
- 30 interchangeable sensor options, including PID⁶ for VOCs, NDIR⁷ and catalytic for combustibles, and NDIR for CO₂
- Intelligent sensors store calibration data, so they can be swapped in the field²
- Large graphical display with easy-to-use, icon-driven user interface
- Continuous datalogging (6 months for 5 sensors, 24x7)

APPLICATIONS

- Personal protection and multi-gas leak detection in industries such as:
 - Chemical
 - Telecommunications
 - Oil and gas (downstream)
 - Food and beverage
 - Wastewater treatment
- Fire overhaul



Confined space testing with the MultiRAE Lite



AutoRAE²
Compatible



MultiRAE Lite



Wireless Portable Multi-Gas Monitor

SPECIFICATIONS

Instrument Specifications⁵

Size	- Pumped model: 7.6" H x 3.8" W x 2.6" D (193 x 96.5 x 66 mm) - Diffusion model: 6.9" x 3.8" x 2.2" (175 x 96.5 x 56mm)
Weight	- Pumped model: 31 oz. (880 g) - Diffusion model: 26.8 oz. (760g)
Sensors	30 intelligent interchangeable field-replaceable sensors including PID for VOCs, electrochemical sensors for toxic gases and oxygen, combustible LEL and NDIR sensors, and CO ₂ NDIR sensor
Battery Options	- Rechargeable Li-ion ~12-hr. (pumped)/18-hr. (diffusion) runtime, < 6-hr. recharge time - Extended duration Li-ion ~18-hr. (pumped)/28-hr. (diffusion) runtime, < 9-hr. recharge time - Alkaline adapter with 4 x AA batteries ~6-hr. (pumped)/8-hr. (diffusion) runtime
Display	Monochrome graphical LCD display (128 x 160) with backlighting. Automatic screen "flip" feature
Display Readout	- Real-time reading of gas concentrations; PID measurement gas and correction factor; battery status; datalogging on/off; wireless on/off and reception quality. - STEL, TWA, peak, and minimum values
Keypad Buttons	3 operation and programming keys (Mode, Y/+, and N/-)
Sampling	Built-in pump or diffusion
Calibration	Automatic with AutoRAE 2 Test and Calibration System ¹ or manual
Alarms	Wireless remote alarm notification; multi-tone audible (95 dB @ 30 cm), vibration, visible (flashing bright red LEDs), and on-screen indication of alarm conditions - Man Down Alarm with pre-alarm and real-time remote wireless notification
Datalogging	- Continuous datalogging (6 months for 5 sensors at 1-minute intervals, 24/7) - User-configurable datalogging intervals (from 1 to 3,600 seconds)
Communication and Data Download	- Data download and instrument set-up and upgrades on PC via charging and PC comm. cradle, travel charger, or AutoRAE 2 Automated Test and Calibration System ¹ - Wireless data and alarm status transmission via built-in RF modem (optional)
Wireless Network	RAE Systems Dedicated Wireless Network
Wireless Frequency	ISM license-free bands
Wireless Range (Typical)	656 feet (200 meters)
Operating Temperature	-4° to 122°F (-20° to 50°C)
Humidity	0% to 95% relative humidity (non-condensing)
Dust and Water Resistance	IP-65 (pumped); IP-67 (diffusion)
Hazardous Location Approvals	CSA: Class I, Division 1, Groups A, B, C and D, T4 ATEX: 0575 II 2G Ex ia d IIC T4 Gb IECEX: Ex ia d IIC T4 Gb
CE Compliance (European Conformity)	EMC directive: 2004/108/EC. R&TTE directive: 1999/5/EC. ATEX directive: 94/9/EC
EMI/RFI	No effect when exposed to 0.43mW/cm ² RF interference from a 5-watt transmitter at 12"
Performance Tests	LEL CSA C22.2 No. 152; ISA-12.13.01
Languages	Arabic, Chinese, Czech, Danish, Dutch, English, French, German, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, and Swedish
Warranty	- Two years on non-consumable components and catalytic LEL, CO, H ₂ S, and O ₂ sensors - One year on all other sensors, pump, battery, and other consumable parts

- 1 Contact RAE Systems for availability.
- 2 RAE Systems recommends calibrating sensors on installation.
- 3 Additional equipment and/or software licenses may be required to enable remote wireless monitoring and alarm transmission.
- 4 The CO + H₂S combo sensor is required for a 6-gas configuration.
- 5 Specifications are subject to change.
- 6 PID sensor requires a pumped configuration.
- 7 NDIR combustible sensors require a pumped configuration in CSA countries.

www.raesystems.com

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DS-1071-01

Sensor Specifications⁵

PID Sensor ⁶	Range	Resolution
VOC 10.6 eV	0 to 1,000 ppm	1 ppm
Combustible Sensors	Range	Resolution
Catalytic LEL	0 to 100% LEL	1% LEL
NDIR (0-100% LEL Methane) ⁷	0 to 100% LEL	1% LEL
NDIR (0-100% Vol. Methane) ⁷	0 to 100% Vol.	0.1% Vol.
Carbon Dioxide Sensor	Range	Resolution
Carbon Dioxide (CO ₂) NDIR ⁷	0 to 50,000 ppm	100 ppm
Electrochemical Sensors	Range	Resolution
Ammonia (NH ₃)	0 to 100 ppm	1 ppm
Carbon Monoxide (CO)	0 to 500 ppm	1 ppm
Carbon Monoxide (CO), Ext. Range	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO), H ₂ -comp.	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO) + Hydrogen Sulfide (H ₂ S) Combo	0 to 500 ppm 0 to 200 ppm	1 ppm 0.1 ppm
Chlorine (Cl ₂)	0 to 50 ppm	0.1 ppm
Chlorine Dioxide (ClO ₂)	0 to 1 ppm	0.03 ppm
Ethylene Oxide (EtO-A)	0 to 100 ppm	0.5 ppm
Ethylene Oxide (EtO-B)	0 to 10 ppm	0.1 ppm
Ethylene Oxide (EtO-C), Ext. Range	0 to 500 ppm	10 ppm
Formaldehyde (HCHO)	0 to 10 ppm	0.01 ppm
Hydrogen (H ₂)	0 to 1,000 ppm	2 ppm
Hydrogen Chloride (HCl)	0 to 15 ppm	1 ppm
Hydrogen Cyanide (HCN)	0 to 50 ppm	0.5 ppm
Hydrogen Fluoride (HF)	0 to 10 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S)	0 to 100 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S), Ext. Range	0 to 1,000 ppm	1 ppm
Methyl Mercaptan (CH ₃ -SH)	0 to 10 ppm	0.1 ppm
Nitric Oxide (NO)	0 to 250 ppm	0.5 ppm
Nitrogen Dioxide (NO ₂)	0 to 20 ppm	0.1 ppm
Oxygen (O ₂)	0 to 30% Vol.	0.1% Vol.
Phosgene (COCl ₂)	0 to 1 ppm	0.02 ppm
Phosphine (PH ₃)	0 to 20 ppm	0.1 ppm
Phosphine (PH ₃), Ext. Range	0 to 1,000 ppm	1 ppm
Sulfur Dioxide (SO ₂)	0 to 20 ppm	0.1 ppm

ORDERING INFORMATION

(MODELS: PGM-620X AND PGM-620XD)

- Wireless^{1,3} and non-wireless configurations are available
- Refer to the Portables Pricing Guide for part numbers for monitors and accessories

Toll-Free: 877-723-2878



MultiRAE

Wireless Portable Six-Gas Monitor with
Advanced VOC Detection Capability



The MultiRAE is the most advanced wireless portable chemical detector on the market. The MultiRAE's cutting-edge PID sensor detects volatile organic compounds (VOCs), and supports over 30 electrochemical, NDIR, and catalytic sensors to detect up to five additional threats. These include: toxic and combustible gases, oxygen deficiency/enrichment, and carbon dioxide.

The MultiRAE's wireless capability elevates worker protection to the next level by providing safety officers real-time access to instrument readings and alarm status from any location for better visibility and faster incident response.

- The most advanced wireless portable chemical detector on the market
- Highly versatile and customizable for different applications
- Man Down Alarm with real-time remote wireless notification
- Easy maintenance with replaceable sensors, pump, and plug-and-play battery
- Fully automated bump testing and calibration with AutoRAE2¹

KEY FEATURES

Wireless. Versatile. Proven.

- Wireless access to real-time instrument readings and alarm status from any location
- Unmistakable five-way local and remote wireless notification of alarm conditions
- Over 30 interchangeable sensor options, including 0.1 to 5,000 ppm PID
- Intelligent sensors store calibration data, so they can be swapped in the field²
- Extensive on-board gas libraries (190 VOCs and 55 combustible gases)
- Largest display in its class
- Continuous datalogging (6 months for 5 sensors, 24x7)

APPLICATIONS

- Industrial hygiene, personal protection, and multi-gas leak detection in industries such as:
 - Oil and gas
 - Chemical
 - Aviation (wing tank entry)
 - Shipping / Marine
 - Environmental
 - Pharmaceutical
- HazMat response
- Clandestine drug labs



MultiRAE used for worker exposure monitoring at an oil refinery






AutoRAE²
Compatible



SPECIFICATIONS

Instrument Specifications⁵

Size	7.6" H x 3.8" W x 2.6" D (193 x 96.5 x 66 mm)
Weight	31 oz. (880 g)
Sensors	Over 30 intelligent interchangeable field-replaceable sensors including PID for VOCs, electrochemical sensors for toxic gases and oxygen, combustible LEL and NDIR sensors, and CO ₂ NDIR sensor
Battery Options	- Rechargeable Li-ion (~12-hr. runtime, < 6-hr. recharge time) - Extended duration Li-ion (~18-hr. runtime, < 9-hr. recharge time) - Alkaline adapter with 4 x AA batteries (~6-hr. runtime)
Display	Monochrome graphical LCD display (128 x 160) with backlighting. Automatic screen "flip" feature.
Display Readout	- Real-time reading of gas concentrations; PID measurement gas and correction factor; battery status; datalogging on/off; wireless on/off and reception quality. - STEL, TWAA, peak, and minimum values
Keypad Buttons	3 operation and programming keys (Mode, Y/+, and N/-)
Sampling	Built-in pump. Average flow rate: 250 cc/min. Auto shutoff in low-flow conditions
Calibration	Automatic with AutoRAE 2 Test and Calibration System ¹ or manual
Alarms	Wireless remote alarm notification; multi-tone audible (95 dB @ 30 cm), vibration, visible (flashing bright red LEDs), and on-screen indication of alarm conditions - Man Down Alarm with pre-alarm and real-time remote wireless notification
Datalogging	- Continuous datalogging (6 months for 5 sensors at 1-minute intervals, 24/7) - User-configurable datalogging intervals (from 1 to 3,600 seconds)
Communication and Data Download	- Data download and instrument set-up and upgrades on PC via charging and PC comm. cradle, travel charger, or AutoRAE 2 Automated Test and Calibration System ¹ - Wireless data and alarm status transmission via built-in RF modem (optional)
Wireless Network	RAE Systems Dedicated Wireless Network
Wireless Frequency	ISM license-free bands
Wireless Range (Typical)	656 feet (200 meters)
Operating Temperature	-4° to 122°F (-20° to 50°C)
Humidity	0% to 95% relative humidity (non-condensing)
Dust and Water Resistance	IP-65 rating
Hazardous Location Approvals	CSA:  Class I, Division 1, Groups A, B, C and D, T4 ATEX:  0575  II 2G Ex ia d IIC T4 Gb IECEx: Ex ia d IIC T4 Gb
CE Compliance (European Conformity)	EMC directive: 2004/108/EC. R&TTE directive: 1999/5/EC. ATEX directive: 94/9/EC
EMI/RFI	No effect when exposed to 0.43mW/cm ² RF interference from a 5-watt transmitter at 12"
Performance Tests	MIL-STD-810F compliant. LEL CSA C22.2 No. 152; ISA-12.13.01
Languages	Arabic, Chinese, Czech, Danish, Dutch, English, French, German, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, and Swedish
Warranty	- Two years on non-consumable components and catalytic LEL, CO, H ₂ S, and O ₂ sensors - One year on all other sensors, pump, battery, and other consumable parts

1 Contact RAE Systems for availability.

2 RAE Systems recommends calibrating sensors on installation.

3 Additional equipment and/or software licenses may be required to enable remote wireless monitoring and alarm transmission.

4 The CO + H₂S combo sensor is required for a 6-gas configuration.

5 Specifications are subject to change.

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DS-1070-01

Sensor Specifications⁵

PID Sensors	Range	Resolution
VOC 10.6 eV (HR)	0 to 5,000 ppm	0.1 ppm
VOC 9.8 eV ¹	0 to 1,000 ppm	0.1 ppm
Combustible Sensors	Range	Resolution
Catalytic LEL	0 to 100% LEL	1% LEL
NDIR (0-100% LEL Methane)	0 to 100% LEL	1% LEL
NDIR (0-100% Vol. Methane)	0 to 100% Vol.	0.1% Vol.
Carbon Dioxide Sensor	Range	Resolution
Carbon Dioxide (CO ₂) NDIR	0 to 50,000 ppm	100 ppm
Electrochemical Sensors	Range	Resolution
Ammonia (NH ₃)	0 to 100 ppm	1 ppm
Carbon Monoxide (CO)	0 to 500 ppm	1 ppm
Carbon Monoxide (CO), Ext. Range	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO), H ₂ -comp.	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO) + Hydrogen Sulfide (H ₂ S) Combo	0 to 500 ppm 0 to 200 ppm	1 ppm 0.1 ppm
Chlorine (Cl ₂)	0 to 50 ppm	0.1 ppm
Chlorine Dioxide (ClO ₂)	0 to 1 ppm	0.03 ppm
Ethylene Oxide (EtO-A)	0 to 100 ppm	0.5 ppm
Ethylene Oxide (EtO-B)	0 to 10 ppm	0.1 ppm
Ethylene Oxide (EtO-C), Ext. Range	0 to 500 ppm	10 ppm
Formaldehyde (HCHO)	0 to 10 ppm	0.01 ppm
Hydrogen (H ₂)	0 to 1,000 ppm	2 ppm
Hydrogen Chloride (HCl)	0 to 15 ppm	1 ppm
Hydrogen Cyanide (HCN)	0 to 50 ppm	0.5 ppm
Hydrogen Fluoride (HF)	0 to 10 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S)	0 to 100 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S), Ext. Range	0 to 1,000 ppm	1 ppm
Methyl Mercaptan (CH ₃ -SH)	0 to 10 ppm	0.1 ppm
Nitric Oxide (NO)	0 to 250 ppm	0.5 ppm
Nitrogen Dioxide (NO ₂)	0 to 20 ppm	0.1 ppm
Oxygen (O ₂)	0 to 30% Vol.	0.1% Vol.
Phosgene (COCl ₂)	0 to 1 ppm	0.02 ppm
Phosphine (PH ₃)	0 to 20 ppm	0.1 ppm
Phosphine (PH ₃), Ext. Range	0 to 1,000 ppm	1 ppm
Sulfur Dioxide (SO ₂)	0 to 20 ppm	0.1 ppm

ORDERING INFORMATION (MODELS: PGM-622X)

- Wireless^{1,3} and non-wireless configurations are available
- Refer to the Portables Pricing Guide for part numbers for monitors and accessories

Toll-Free: 877-723-2878



MultiRAE Pro

Wireless Portable Multi-Threat Monitor for Radiation and Chemical Detection



The MultiRAE Pro is the industry's first wireless multi-threat detection tool that combines continuous monitoring capabilities for gamma radiation, volatile organic compounds (VOCs), toxic, combustible gases, and oxygen, with Man Down Alarm functionality in one highly portable instrument.

The MultiRAE Pro's wireless capability elevates worker protection to the next level by providing safety officers real-time access to instrument readings and alarm status from any location for better visibility and faster incident response.

- World's first wireless^{1,3} portable multi-threat monitor
- Highly versatile and customizable for different applications
- Man Down Alarm with real-time remote wireless notification
- Easy maintenance with replaceable sensors, pump, and plug-and-play battery
- Fully automated bump testing and calibration with AutoRAE2¹

KEY FEATURES

Wireless. Versatile. Proven.

- All-in-one continuous monitoring capabilities for radiation, VOCs, oxygen, toxic and combustible gases, up to 6 threats at a time⁴
- Wireless access to real-time instrument readings and alarm status from any location
- Unmistakable five-way local and remote wireless notification of alarm conditions
- Over 30 interchangeable sensor options, including parts-per-billion PID
- Intelligent sensors store calibration data, so they can be swapped in the field²
- Large graphical display with easy-to-use, icon-driven user interface

APPLICATIONS

- HazMat response
- Military (CBRN detection, EOD)
- Homeland security
- Civil defense (search and rescue)
- Semiconductor manufacturing
- Environmental



CBRN detection with the MultiRAE Pro



AutoRAE²
Compatible



MultiRAE Pro



Wireless Portable Multi-Threat Monitor for Radiation and Chemical Detection

SPECIFICATIONS

Instrument Specifications⁵

Size	7.6" H x 3.8" W x 2.6" D (193 x 96.5 x 66 mm)
Weight	31 oz. (880 g)
Sensors	Over 30 intelligent interchangeable field-replaceable sensors including gamma radiation, ppb and ppm PID sensors for VOCs, electrochemical sensors for toxic gases and oxygen, combustible LEL and NDIR sensors, and CO ₂ NDIR sensor
Battery Options	- Rechargeable Li-ion (~12-hr. runtime, < 6-hr. recharge time) - Extended duration Li-ion (~18-hr. runtime, < 9-hr. recharge time) - Alkaline adapter with 4 x AA batteries (~6-hr. runtime)
Display	Monochrome graphical LCD display (128 x 160) with backlighting Automatic screen "flip" feature
Display Readout	- Real-time reading of gas concentrations; PID measurement gas and correction factor; battery status; datalogging on/off; wireless on/off and reception quality. - STEL, TWAA, peak, and minimum values
Keypad Buttons	3 operation and programming keys (Mode, Y/+, and N/-)
Sampling	Built-in pump. Average flow rate: 250 cc/min. Auto shutoff in low-flow conditions
Calibration	Automatic with AutoRAE 2 Test and Calibration System ¹ or manual
Alarms	Wireless remote alarm notification; multi-tone audible (95 dB @ 30 cm), vibration, visible (flashing bright red LEDs), and on-screen indication of alarm conditions - Man Down Alarm with pre-alarm and real-time remote wireless notification
Datalogging	- Continuous datalogging (6 months for 5 sensors at 1-minute intervals, 24/7) - User-configurable datalogging intervals (from 1 to 3,600 seconds)
Communication and Data Download	- Data download and instrument set-up and upgrades on PC via charging and PC comm. cradle, travel charger, or AutoRAE 2 Automated Test and Calibration System ¹ - Wireless data and alarm status transmission via built-in RF modem (optional)
Wireless Network	RAE Systems Dedicated Wireless Network
Wireless Frequency	ISM license-free bands
Wireless Range (Typical)	656 feet (200 meters)
Operating Temperature	-4° to 122°F (-20° to 50°C)
Humidity	0% to 95% relative humidity (non-condensing)
Dust and Water Resistance	IP-65/IP-67 (when off) rating
Hazardous Location Approvals	CSA: Class I, Division 1, Groups A, B, C and D, T4 ATEX: 0575 II 2G Ex ia d IIC T4 Gb IECEX: Ex ia d IIC T4 Gb
CE Compliance (European Conformity)	EMC directive: 2004/108/EC. R&TTE directive: 1999/5/EC. ATEX directive: 94/9/EC
EMI/RFI	No effect when exposed to 0.43mW/cm ² RF interference from a 5-watt transmitter at 12"
Performance Tests	MIL-STD-810F compliant. LEL CSA C22.2 No. 152; ISA-12.13.01
Languages	Arabic, Chinese, Czech, Danish, Dutch, English, French, German, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Russian, Spanish, and Swedish
Warranty	- Two years on non-consumable components and catalytic LEL, CO, H ₂ S, and O ₂ sensors - One year on all other sensors, pump, battery, and other consumable parts

1 Contact RAE Systems for availability.

2 RAE Systems recommends calibrating sensors on installation.

3 Additional equipment and/or software licenses may be required to enable remote wireless monitoring and alarm transmission.

4 The CO + H₂S combo sensor is required for a 6-threat configuration.

5 Specifications are subject to change.

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DS-1068-01

Sensor Specifications⁵

Radiation Sensor	Range	Resolution
Gamma	0 to 20,000 microREM/h 1 microREM to 4.29 REM (dose range)	1 microREM/h
PID Sensors	Range	Resolution
VOC 10.6 eV (HR)	0 to 5,000 ppm	0.1 ppm
VOC 10.6 eV (ppb)	0 to 2,000 ppm	10 ppb
VOC 9.8 eV ¹	0 to 1,000 ppm	0.1 ppm
Combustible Sensors	Range	Resolution
Catalytic LEL	0 to 100% LEL	1% LEL
NDIR (0-100% LEL Methane)	0 to 100% LEL	1% LEL
NDIR (0-100% Vol. Methane)	0 to 100% Vol.	0.1% Vol.
Carbon Dioxide Sensor	Range	Resolution
Carbon Dioxide (CO ₂) NDIR	0 to 50,000 ppm	100 ppm
Electrochemical Sensors	Range	Resolution
Ammonia (NH ₃)	0 to 100 ppm	1 ppm
Carbon Monoxide (CO)	0 to 500 ppm	1 ppm
Carbon Monoxide (CO), Ext. Range	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO), H ₂ -comp.	0 to 2,000 ppm	10 ppm
Carbon Monoxide (CO) + Hydrogen Sulfide (H ₂ S) Combo	0 to 500 ppm 0 to 200 ppm	1 ppm 0.1 ppm
Chlorine (Cl ₂)	0 to 50 ppm	0.1 ppm
Chlorine Dioxide (ClO ₂)	0 to 1 ppm	0.03 ppm
Ethylene Oxide (EtO-A)	0 to 100 ppm	0.5 ppm
Ethylene Oxide (EtO-B)	0 to 10 ppm	0.1 ppm
Ethylene Oxide (EtO-C), Ext. Range	0 to 500 ppm	10 ppm
Formaldehyde (HCHO)	0 to 10 ppm	0.01 ppm
Hydrogen (H ₂)	0 to 1,000 ppm	2 ppm
Hydrogen Chloride (HCl)	0 to 15 ppm	1 ppm
Hydrogen Cyanide (HCN)	0 to 50 ppm	0.5 ppm
Hydrogen Fluoride (HF)	0 to 10 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S)	0 to 100 ppm	0.1 ppm
Hydrogen Sulfide (H ₂ S), Ext. Range	0 to 1,000 ppm	1 ppm
Methyl Mercaptan (CH ₃ -SH)	0 to 10 ppm	0.1 ppm
Nitric Oxide (NO)	0 to 250 ppm	0.5 ppm
Nitrogen Dioxide (NO ₂)	0 to 20 ppm	0.1 ppm
Oxygen (O ₂)	0 to 30% Vol.	0.1% Vol.
Phosgene (COCl ₂)	0 to 1 ppm	0.02 ppm
Phosphine (PH ₃)	0 to 20 ppm	0.1 ppm
Phosphine (PH ₃), Ext. Range	0 to 1,000 ppm	1 ppm
Sulfur Dioxide (SO ₂)	0 to 20 ppm	0.1 ppm

ORDERING INFORMATION (MODELS: PGM-624X)

- Wireless^{1,3} and non-wireless configurations are available
- Refer to the Portables Pricing Guide for part numbers for monitors and accessories

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