

## MultiRAE Pro Monitors (Model PGM-6248)

MultiRAE Pro wireless portable multi-threat monitors for radiation and advanced chemical detection

### Monitor-Only Configuration Includes:

- MultiRAE Pro monitor with sensors, pump, battery and wireless options as specified, and protective rubber boot, swivel belt clip and filter installed
  - Continuous datalogging (6 months for 5 sensors @ 1-minute intervals)
  - Travel charger / PC communications adapter
  - PC communication cable
  - AC adapter
  - Calibration adapter
  - Alkaline battery adapter
  - Toolkit with Hex tool and Phillips screwdriver
  - PID sensor cap removal tool
  - PID zeroing filter (P/N: 008-3024-000)
  - IP-67 / decontamination valve accessory
  - 3 spare external filters
  - 6" flexi probe with inlet adapter
  - Quick Start Guide
  - CD with documentation
  - ProRAE Studio II Instrument Configuration and Data Management Software
  - Calibration and test certificate
  - Warranty / registration card
- Instrument ships in a "Pelican" case with custom foam that can also accommodate accessories and 2 calibration gas cylinders with 2 regulators (sold separately)

### Optional Guaranteed Cost of Ownership Program

- 4-year repair and replacement guarantee (available in North America only)
- Annual maintenance service included



### Optional Accessories / Confined Space and Calibration Kits Add:

- Remote Sample Draw Kit (P/N: 008-3015-200)
    - 10" (26 cm) aluminum sample probe with replaceable filters,
    - 3 hydrophobic barrier filters
    - 10' (3 m) self-coiling Teflon® tubing with Luer-style quick-connect filters
  - 4-gas mix (34L; 50% LEL, 18% O<sub>2</sub>, 10 ppm H<sub>2</sub>S, 50 ppm CO, w/ regulator)
- OR**
- 10 ppm **OR** 100 ppm Isobutylene gas (34L) with regulator
- OR**
- 4-gas mix (34L; 50% LEL, 18% O<sub>2</sub>, 10 ppm H<sub>2</sub>S, 50 ppm CO, w/ regulator)
  - **AND** 10 ppm **OR** 100 ppm Isobutylene gas (34L) with regulator
- OR**
- 4-gas mix (34L; 50% LEL, 18% O<sub>2</sub>, 10 ppm H<sub>2</sub>S, 50 ppm CO, w/ regulator)
  - **AND** 10 ppm Isobutylene gas (34L) with regulator
  - **AND** 100 ppm Isobutylene gas (34L) with regulator
- Additional accessories, calibration systems, gas kits, individual gases and regulators are listed under Multi-Gas Accessories and Multi-Gas Calibration sections of the Portable Pricing Guide

SERVICE PROGRAM OPTION	PART NUMBER	LIST PRICE	DESCRIPTION
4-Year Guaranteed Cost of Ownership	SVC-PTC4-MC0	35% of instrument-only list price	Extends warranty and covers replacement of all parts and sensors for 4 years from date of purchase

Listed below are some common configurations of the MultiRAE Pro monitors. For others, please use the Assemble-to-Order (ATO) Configuration Guide below.

### Standard Sensor Configurations - MultiRAE Pro

	PID Sensor	Gamma Sensor	Pumped	Wireless	Li-ion	Rechargeable Accessories Kit	Calibration Kit		
<b>Pumped / 10.6 eV ppb PID / LEL / CO + H<sub>2</sub>S / O<sub>2</sub> / Gamma / Li-ion / Non-Wireless</b>									
Unit only	•	•	•	•	•	•	•	MCB3-A3C1REZ-020	\$6,193
Unit with Accessories / Confined Space and Calibration Kit (4-gas + 10 ppm Iso)	•	•	•	•	•	•	•	MCB3-A3C1REZ-02M	\$7,003
Unit with Access. / Conf. Space and Cal. Kit (4-gas + 10 ppm Iso + 100 ppm Iso)	•	•	•	•	•	•	•	MCB3-A3C1REZ-02N	\$7,236
<b>Pumped / 10.6 eV ppb PID / LEL / CO + H<sub>2</sub>S / O<sub>2</sub> / Gamma / Li-ion / Wireless</b>									
Unit only	•	•	•	•	•	•	•	MCB3-A3C1REZ-420	\$6,392
Unit with Accessories / Confined Space and Calibration Kit (4-gas + 10 ppm Iso)	•	•	•	•	•	•	•	MCB3-A3C1REZ-42M	\$7,202
Unit with Access. / Conf. Space and Cal. Kit (4-gas + 10 ppm Iso + 100 ppm Iso)	•	•	•	•	•	•	•	MCB3-A3C1REZ-42N	\$7,435
<b>Pumped / 10.6 eV ppb PID / LEL / Cl<sub>2</sub> / NH<sub>3</sub> / O<sub>2</sub> / Li-ion / Non-Wireless</b>									
Unit only	•	•	•	•	•	•	•	MCB3-A3C168E-020	\$5,493
<b>Pumped / 10.6 eV ppb PID / LEL / Cl<sub>2</sub> / NH<sub>3</sub> / O<sub>2</sub> / Li-ion / Wireless</b>									
Unit only	•	•	•	•	•	•	•	MCB3-A3C168E-420	\$5,692

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## MultiRAE Pro Monitors (Model PGM-6248)

R Certification of Intrinsic Safety			
B CSA		* Note: If the instrument is ordered with fewer than five sensors, a dummy sensor must be installed in the empty sensor slot(s)	
M	Model / Base Unit Price		
3	MultiRAE Pro (PGM-6248)		\$ 3,499
AA	High-Power Sensor (Options: Dummy / PID / Combust. NDIR / CO <sub>2</sub> NDIR / Electrochemical Sensors Incl. CO+H <sub>2</sub> S Combo)		
00	Empty	Dummy sensor	+ \$ 0
<b>PID Sensors</b>			
A1	PID, HR, 10.6 eV	PID sensor (0.1 - 5,000 ppm; 0.1 ppm res.; 10.6 eV lamp)	+ \$ 599
A3	PID, ppb, 10.6 eV	PID ppb sensor (10 ppb - 2,000 ppm; 10 ppb res.; 10.6 eV lamp)	+ \$ 799
<b>Combustible NDIR Sensors</b>			
B4	CH <sub>4</sub> NDIR, % LEL	Combustible NDIR sensor (0-100% LEL CH <sub>4</sub> )	+ \$ 799
B5	CH <sub>4</sub> NDIR, % Vol.	Combustible NDIR sensor (0-100% Vol. CH <sub>4</sub> )	+ \$ 799
<b>CO<sub>2</sub> NDIR Sensors</b>			
B8	CO <sub>2</sub> NDIR, HR	Carbon dioxide (CO <sub>2</sub> ) NDIR sensor (up to 50,000 ppm)	+ \$ 799
<b>Electrochemical Sensors</b>			
01	H <sub>2</sub> S	Hydrogen Sulfide (H <sub>2</sub> S) sensor (up to 100 ppm reading)	+ \$ 199
02	CO	Carbon Monoxide (CO) sensor (up to 500 ppm reading)	+ \$ 199
03	SO <sub>2</sub>	Sulfur Dioxide (SO <sub>2</sub> ) sensor	+ \$ 299
04	NO	Nitric Oxide (NO) sensor	+ \$ 349
05	NO <sub>2</sub>	Nitrogen Dioxide (NO <sub>2</sub> ) sensor	+ \$ 349
06	Cl <sub>2</sub>	Chlorine (Cl <sub>2</sub> ) sensor	+ \$ 299
07	HCN	Hydrogen Cyanide (HCN) sensor	+ \$ 399
08	NH <sub>3</sub>	Ammonia (NH <sub>3</sub> ) sensor	+ \$ 399
09	PH <sub>3</sub>	Phosphine (PH <sub>3</sub> ) sensor (up to 20 ppm reading)	+ \$ 399
0A	ClO <sub>2</sub>	Chlorine Dioxide (ClO <sub>2</sub> ) sensor	+ \$ 399
0D	CO, HR	Carbon Monoxide (CO) extended-range sensor (up to 2,000 ppm reading)	+ \$ 299
0E	O <sub>2</sub>	Oxygen (O <sub>2</sub> ) sensor	+ \$ 199
0F	CO comp. H <sub>2</sub>	Carbon Monoxide (CO) sensor (H <sub>2</sub> -compensated)	+ \$ 349
0H	CH <sub>3</sub> -SH	Methyl Mercaptan (CH <sub>3</sub> -SH) sensor	+ \$ 499
0J	EtO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	+ \$ 299
0K	EtO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	+ \$ 299
0L	EtO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	+ \$ 399
0N	H <sub>2</sub> S, HR	Hydrogen Sulfide (H <sub>2</sub> S) extended-range sensor (up to 1,000 ppm reading)	+ \$ 199
0P	PH <sub>3</sub> , HR	Phosphine (PH <sub>3</sub> ) extended-range sensor (up to 1,000 ppm reading)	+ \$ 499
0Q	HCHO	Formaldehyde (HCHO) sensor	+ \$ 699
0R	CO+H <sub>2</sub> S	Carbon Monoxide+Hydrogen Sulfide (CO+H <sub>2</sub> S) combo	+ \$ 399

\* Note: NDIR % Vol. combustible sensor must be accompanied by the catalytic % LEL sensor (installs in slot BB; see next page)

\* Note: ClO<sub>2</sub> and H<sub>2</sub>S sensors cannot be installed in the same instrument  
 \*\* Note: NO and NH<sub>3</sub> sensors cannot be installed in the same instrument

\* Note: When ordering electrochemical sensors, please select

MC B 3 - AA BB C D E - F G H

### MultiRAE Pro Configuration Guide

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultiRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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BB High-Power Sensor (Options: Dummy / LEL / Electrochemical Sensors Incl. CO+H <sub>2</sub> S Combo)			
00	Empty	Dummy sensor	+ \$ 0
<b>LEL Catalytic Bead Sensor</b>			
C1	LEL	Combustible catalytic bead % LEL sensor	+ \$ 199
<b>Electrochemical Sensors</b>			
01	H2S	Hydrogen Sulfide (H2S) sensor (up to 100 ppm reading)	+ \$ 199
02	CO	Carbon Monoxide (CO) sensor (up to 500 ppm reading)	+ \$ 199
03	SO2	Sulfur Dioxide (SO2) sensor	+ \$ 299
04	NO	Nitric Oxide (NO) sensor	+ \$ 349
05	NO2	Nitrogen Dioxide (NO2) sensor	+ \$ 349
06	Cl2	Chlorine (Cl2) sensor	+ \$ 299
07	HCN	Hydrogen Cyanide (HCN) sensor	+ \$ 399
08	NH3	Ammonia (NH3) sensor	+ \$ 399
09	PH3	Phosphine (PH3) sensor (up to 20 ppm reading)	+ \$ 399
0A	ClO2	Chlorine Dioxide (ClO2) sensor	+ \$ 399
0D	CO, HR	Carbon Monoxide (CO) extended-range sensor (up to 2,000 ppm reading)	+ \$ 299
0E	O2	Oxygen (O2) sensor	+ \$ 199
0F	CO comp. H2	Carbon Monoxide (CO) sensor (H2-compensated)	+ \$ 349
0H	CH3-SH	Methyl Mercaptan (CH3-SH) sensor	+ \$ 499
0J	EtO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	+ \$ 299
0K	EtO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	+ \$ 299
0L	EtO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	+ \$ 399
0N	H2S, HR	Hydrogen Sulfide (H2S) extended-range sensor (up to 1,000 ppm reading)	+ \$ 199
0P	PH3, HR	Phosphine (PH3) extended-range sensor (up to 1,000 ppm reading)	+ \$ 499
0Q	HCHO	Formaldehyde (HCHO) sensor	+ \$ 699
0R	CO+H2S	Carbon Monoxide+Hydrogen Sulfide (CO+H2S) combo	+ \$ 399

\* Note: ClO<sub>2</sub> and H<sub>2</sub>S sensors cannot be installed in the same instrument

\*\* Note: NO and NH<sub>3</sub> sensors cannot be installed in the same instrument

\* Note: When ordering electrochemical sensors, please select

MC B 3 - AA BB C D E - F G H

**MultIRAE Pro Configuration Guide**

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultIRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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C Low-Power Sensor (Options: Dummy / Electrochemical Sensors Incl. CO+H2S Combo)			
0	Empty	Dummy sensor	+ \$ 0
<b>Electrochemical Sensors</b>			
1	H2S	Hydrogen Sulfide (H2S) sensor (up to 100 ppm reading)	+ \$ 199
2	CO	Carbon Monoxide (CO) sensor (up to 500 ppm reading)	+ \$ 199
3	SO2	Sulfur Dioxide (SO2) sensor	+ \$ 299
4	NO	Nitric Oxide (NO) sensor	+ \$ 349
5	NO2	Nitrogen Dioxide (NO2) sensor	+ \$ 349
6	Cl2	Chlorine (Cl2) sensor	+ \$ 299
7	HCN	Hydrogen Cyanide (HCN) sensor	+ \$ 399
8	NH3	Ammonia (NH3) sensor	+ \$ 399
9	PH3	Phosphine (PH3) sensor (up to 20 ppm reading)	+ \$ 399
A	ClO2	Chlorine Dioxide (ClO2) sensor	+ \$ 399
D	CO, HR	Carbon Monoxide (CO) extended-range sensor (up to 2,000 ppm reading)	+ \$ 299
E	O2	Oxygen (O2) sensor	+ \$ 199
F	CO comp. H2	Carbon Monoxide (CO) sensor (H2-compensated)	+ \$ 349
H	CH3-SH	Methyl Mercaptan (CH3-SH) sensor	+ \$ 499
J	EtO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	+ \$ 299
K	EtO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	+ \$ 299
L	EtO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	+ \$ 399
N	H2S, HR	Hydrogen Sulfide (H2S) extended-range sensor (up to 1,000 ppm reading)	+ \$ 199
P	PH3, HR	Phosphine (PH3) extended-range sensor (up to 1,000 ppm reading)	+ \$ 499
Q	HCHO	Formaldehyde (HCHO) sensor	+ \$ 699
R	CO+H2S	Carbon Monoxide+Hydrogen Sulfide (CO+H2S) combo	+ \$ 399

\* Note: ClO<sub>2</sub> and H<sub>2</sub>S sensors cannot be installed in the same instrument

\*\* Note: NO and NH<sub>3</sub> sensors cannot be installed in the same instrument

\* Note: When ordering electrochemical sensors, please select the lower number first

MC B 3 - AA BB **C** D E - F G H

**MultiRAE Pro Configuration Guide**

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultiRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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D Low-Power Sensor (Options: Dummy / Electrochemical Sensors)			
0	Empty	Dummy sensor	+ \$ 0
<b>Electrochemical Sensors</b>			
1	H2S	Hydrogen Sulfide (H2S) sensor (up to 100 ppm reading)	+ \$ 199
2	CO	Carbon Monoxide (CO) sensor (up to 500 ppm reading)	+ \$ 199
3	SO2	Sulfur Dioxide (SO2) sensor	+ \$ 299
4	NO	Nitric Oxide (NO) sensor	+ \$ 349
5	NO2	Nitrogen Dioxide (NO2) sensor	+ \$ 349
6	Cl2	Chlorine (Cl2) sensor	+ \$ 299
7	HCN	Hydrogen Cyanide (HCN) sensor	+ \$ 399
8	NH3	Ammonia (NH3) sensor	+ \$ 399
9	PH3	Phosphine (PH3) sensor (up to 20 ppm reading)	+ \$ 399
A	ClO2	Chlorine Dioxide (ClO2) sensor	+ \$ 399
D	CO, HR	Carbon Monoxide (CO) extended-range sensor (up to 2,000 ppm reading)	+ \$ 299
E	O2	Oxygen (O2) sensor	+ \$ 199
F	CO comp. H2	Carbon Monoxide (CO) sensor (H2-compensated)	+ \$ 349
H	CH3-SH	Methyl Mercaptan (CH3-SH) sensor	+ \$ 499
J	EtO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	+ \$ 299
K	EtO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	+ \$ 299
L	EtO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	+ \$ 399
N	H2S, HR	Hydrogen Sulfide (H2S) extended-range sensor (up to 1,000 ppm reading)	+ \$ 199
P	PH3, HR	Phosphine (PH3) extended-range sensor (up to 1,000 ppm reading)	+ \$ 499
Q	HCHO	Formaldehyde (HCHO) sensor	+ \$ 699

\* Note: ClO<sub>2</sub> and H<sub>2</sub>S sensors cannot be installed in the same instrument

\*\* Note: NO and NH<sub>3</sub> sensors cannot be installed in the same instrument

\* Note: When ordering electrochemical sensors, please select the lower number first

MC B 3 - AA BB C **D** E - F G H

**MultIRAE Pro Configuration Guide**

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultIRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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E Low-Power Sensor (Options: Dummy / Gamma / Electrochemical Sensors)			
0	Empty	Dummy sensor	+ \$ 0
<b>Gamma Radiation Sensor</b>			
Z	Gamma	Gamma radiation sensor	+ \$ 999
<b>Electrochemical Sensors</b>			
1	H2S	Hydrogen Sulfide (H2S) sensor (up to 100 ppm)	+ \$ 199
2	CO	Carbon Monoxide (CO) sensor (up to 500 ppm)	+ \$ 199
3	SO2	Sulfur Dioxide (SO2) sensor	+ \$ 299
4	NO	Nitric Oxide (NO) sensor	+ \$ 349
5	NO2	Nitrogen Dioxide (NO2) sensor	+ \$ 349
6	Cl2	Chlorine (Cl2) sensor	+ \$ 299
7	HCN	Hydrogen Cyanide (HCN) sensor	+ \$ 399
8	NH3	Ammonia (NH3) sensor	+ \$ 399
9	PH3	Phosphine (PH3) sensor (up to 20 ppm reading)	+ \$ 399
A	ClO2	Chlorine Dioxide (ClO2) sensor	+ \$ 399
D	CO, HR	Carbon Monoxide (CO) sensor (up to 2,000 ppm)	+ \$ 299
E	O2	Oxygen (O2) sensor	+ \$ 199
F	CO comp. H2	Carbon Monoxide (CO) sensor (H2-compensated)	+ \$ 349
H	CH3-SH	Methyl Mercaptan (CH3-SH) sensor	+ \$ 499
J	EtO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	+ \$ 299
K	EtO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	+ \$ 299
L	EtO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	+ \$ 399
N	H2S, HR	Hydrogen Sulfide (H2S) extended-range sensor (up to 1,000 ppm reading)	+ \$ 199
P	PH3, HR	Phosphine (PH3) extended-range sensor (up to 1,000 ppm reading)	+ \$ 499
Q	HCHO	Formaldehyde (HCHO) sensor	+ \$ 699

\* Note: ClO<sub>2</sub> and H<sub>2</sub>S sensors cannot be installed in the same instrument

\*\* Note: NO and NH<sub>3</sub> sensors cannot be installed in the same instrument

\* Note: When ordering electrochemical sensors, please select the lower number first

MC B 3 - AA BB C D **E** - F G H

**MultiRAE Pro Configuration Guide**

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultiRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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F Wireless Options		
0	Empty Non-wireless	+ \$ 0
4	W-900 Wireless, 900 MHz (built-in wireless modem)	+ \$ 199
G Battery Options		
2	Rechargeable (Li-ion) battery with alkaline adapter	+ \$ 99
3	Alkaline battery pack	+ \$ 0
H Kits and Accessories		
0	Monitor only	+ \$ 0
2	Accessories / Conf. Space + 10 ppm Isobutylene Cal. Kit (with 1 regulator)	+ \$ 332
3	Accessories / Conf. Space + 100 ppm Isobutylene Cal. Kit (with 1 regulator)	+ \$ 332
9	Accessories / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) Cal. Kit (with 1 regulator)	+ \$ 576
M	Access. / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) + 10 ppm Iso Cal. Kit (with 2 reg's)	+ \$ 810
B	Access. / Conf. Space + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) + 100 ppm Iso Cal. Kit (with 2 reg's)	+ \$ 810
N	Acc. / Conf. Sp. + 4-gas (LEL/O <sub>2</sub> /CO/H <sub>2</sub> S) + 10 ppm Iso + 100 ppm Iso Cal. Kit (w/ 3 reg's)	+ \$ 1,043

MC B 3 - AA BB C D E - F G H

### MultiRAE Pro Configuration Guide

Select one option for Certification, Model, and one for each Feature Group (AA through H), to build a complete model number:

<b>MC</b>	<b>B</b>	<b>3</b>	-	<b>AA</b>	<b>BB</b>	<b>C</b>	<b>D</b>	<b>E</b>	-	<b>F</b>	<b>G</b>	<b>H</b>
MultiRAE Pro	Certification (Always B)	Model (Always 3)		Sensor 1	Sensor 2	Sensor 3	Sensor 4	Sensor 5		Wireless	Battery	Kits

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## MultiRAE Automated Calibration System, Sensors, Accessories, and Replacement Parts

## MultiRAE Replacement Sensors

PART NUMBER	SENSOR	DESCRIPTION	COMPATIBLE INSTRUMENTS	LIST PRICE
C03-2028-000	Dummy	Dummy sensor (required if fewer than 5 sensors installed)	All MultiRAE Models	\$28
<b>PID (Photoionization Detector) Sensors</b>				
C03-0912-001	PID, ppb, 10.6 eV	PID ppb sensor (10 ppb - 2,000 ppm; 10 ppb res.; 10.6 eV lamp)	MultiRAE Pro	\$799
C03-0912-002	PID, HR, 10.6 eV	PID sensor (0.1 - 5,000 ppm; 0.1 ppm res.; 10.6 eV lamp)	MultiRAE or MultiRAE Pro	\$599
C03-0912-003	PID, LR, 10.6 eV	PID sensor (1 - 1,000 ppm; 1 ppm res.; 10.6 eV lamp)	MultiRAE Lite Pumped	\$399
<b>Electrochemical Toxic and Oxygen Sensors</b>				
C03-0950-000	NH <sub>3</sub>	Ammonia (NH <sub>3</sub> ) sensor	All MultiRAE Models	\$399
C03-0903-000	CO, HR	Carbon Monoxide (CO) extended-range sensor (up to 2,000 ppm reading)	All MultiRAE Models	\$299
C03-0906-000	CO	Carbon Monoxide (CO) sensor (up to 500 ppm reading)	All MultiRAE Models	\$199
C03-0979-000	CO comp. H <sub>2</sub>	Carbon Monoxide (CO) sensor (H <sub>2</sub> -compensated)	All MultiRAE Models	\$349
C03-0913-000	CO+H <sub>2</sub> S	Carbon Monoxide+Hydrogen Sulfide (CO+H <sub>2</sub> S) combo	All MultiRAE Models	\$399
C03-0978-000	Cl <sub>2</sub>	Chlorine (Cl <sub>2</sub> ) sensor	All MultiRAE Models	\$299
C03-0956-000	ClO <sub>2</sub>	Chlorine Dioxide (ClO <sub>2</sub> ) sensor	All MultiRAE Models	\$399
C03-0954-000	ETO-A	Ethylene Oxide (EtO-A) sensor (0 - 100 ppm; 1 ppm res.)	All MultiRAE Models	\$299
C03-0922-100	ETO-B	Ethylene Oxide (EtO-B) sensor (0 - 10 ppm, 0.1 ppm res.)	All MultiRAE Models	\$299
C03-0923-100	ETO-C, HR	Ethylene Oxide (EtO-C) extended-range sensor (0 - 500 ppm; 10 ppm res.)	All MultiRAE Models	\$399
C03-0982-000	HCHO	Formaldehyde (HCHO) sensor	All MultiRAE Models	\$699
C03-0981-000	H <sub>2</sub>	Hydrogen (H <sub>2</sub> ) sensor	MultiRAE Lite Diffusion	\$399
C03-0949-000	HCN	Hydrogen Cyanide (HCN) sensor	All MultiRAE Models	\$399
C03-0904-000	H <sub>2</sub> S, HR	Hydrogen Sulfide (H <sub>2</sub> S) extended-range sensor (up to 1,000 ppm reading)	All MultiRAE Models	\$199
C03-0907-001	H <sub>2</sub> S	Hydrogen Sulfide (H <sub>2</sub> S) sensor (up to 100 ppm reading)	All MultiRAE Models	\$199
C03-0980-000	CH <sub>3</sub> -SH	Methyl Mercaptan (CH <sub>3</sub> -SH) sensor	All MultiRAE Models	\$499
C03-0974-000	NO	Nitric Oxide (NO) sensor	All MultiRAE Models	\$349
C03-0975-000	NO <sub>2</sub>	Nitrogen Dioxide (NO <sub>2</sub> ) sensor	All MultiRAE Models	\$349
C03-0942-000	O <sub>2</sub>	Oxygen (O <sub>2</sub> ) sensor	All MultiRAE Models	\$199
C03-0927-100	PH <sub>3</sub> , HR	Phosphine (PH <sub>3</sub> ) extended-range sensor (up to 1,000 ppm reading)	All MultiRAE Models	\$499
C03-0976-000	PH <sub>3</sub>	Phosphine (PH <sub>3</sub> ) sensor (up to 20 ppm reading)	All MultiRAE Models	\$399
C03-0973-100	SO <sub>2</sub>	Sulfur Dioxide (SO <sub>2</sub> ) sensor	All MultiRAE Models	\$299
<b>Combustible Sensors</b>				
C03-0911-000	LEL	Combustible catalytic bead % LEL sensor	All MultiRAE Models	\$199
C03-0962-000	CH <sub>4</sub> NDIR, % LEL	Combustible NDIR sensor (0-100% LEL CH <sub>4</sub> )	MultiRAE Pumped Models	\$799
C03-0963-000	CH <sub>4</sub> NDIR, % Vol.	Combustible NDIR sensor (0-100% Vol. CH <sub>4</sub> )	MultiRAE Pumped Models. Requires the catalytic % LEL sensor in the same instrument	\$799
<b>Carbon Dioxide (CO<sub>2</sub>) Sensor</b>				
C03-0961-000	CO <sub>2</sub> NDIR, HR	Carbon dioxide (CO <sub>2</sub> ) NDIR sensor (up to 50,000 ppm)	All MultiRAE Models	\$799
<b>Gamma Radiation Sensor</b>				
C03-0910-000	Gamma	Gamma radiation sensor	MultiRAE Pro	\$999

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## 2012 RAE Systems Portables Pricing Guide

### MultiRAE Accessories and Replacement Parts

PART NUMBER	DESCRIPTION	COMPATIBLE INSTRUMENTS	LIST PRICE
<b>Power, PC Communication and Automotive Accessories</b>			
M01-3053-000	Rechargeable Li-ion battery	All MultiRAE Models	\$199
M01-3054-000	Alkaline battery adapter for 4 AA-sized batteries	All MultiRAE Models	\$59
M01-3021-000	Travel charger / PC communications adapter (AC adapter or PC cable NOT included)	All MultiRAE Models	\$79
500-0036-100	AC adapter with international prong kit (for desktop cradle or travel charger)	All MultiRAE Models	\$39
410-0203-000	PC communications cable	All MultiRAE Models	\$29
003-3004-000	Automotive charging adapter (12V)	All MultiRAE Models	\$33
<b>Calibration and Maintenance Accessories</b>			
008-3022-010	External 25 mm filters (pack of 10; without adapter)	MultiRAE Pumped Models	\$25
M01-3210-000	Filter and Sensor Compartment O-Ring Kit - MultiRAE Lite Diffusion (pack of 3)	MultiRAE Lite Diffusion	\$25
008-3024-000	External PID zeroing filter	MultiRAE with PID	\$65
M01-3011-003	Calibration adapter (pack of 3) - MultiRAE Pumped models	MultiRAE Pumped Models	\$29
M01-3010-003	Calibration adapter (pack of 3) - MultiRAE Lite Diffusion	MultiRAE Lite Diffusion	\$29
G02-0306-003	PID sensor cover removal tool (pack of 3)	MultiRAE with PID	\$29
G02-0304-000	10.6 eV PID sensor maintenance kit (incl. sensor cap, cap removal tool, electrode panel)	MultiRAE with 10.6 eV PID	\$29
M01-3007-003	Gas inlet adapter (pack of 3)	MultiRAE Pumped Models	\$29
M01-3012-003	Gas inlet adapter for flexible probe (pack of 3)	MultiRAE Pumped Models	\$29
023-3012-000	6" flexible probe	MultiRAE Pumped Models	\$65
<b>Carrying and Protective Accessories</b>			
M01-3200-000	MultiRAE holster case (pumped models) with shoulder strap	MultiRAE Pumped Models	Call RAE
M01-3201-000	MultiRAE holster case (diffusion models) with 4-point chest harness and shoulder strap	MultiRAE Lite Diffusion	Call RAE
M01-2080-100	Protective rubber boot – yellow (pumped units; includes two Hex screws)	MultiRAE / MultiRAE Lite Pumped	\$72
M01-2082-100	Protective rubber boot – black (pumped units; includes two Hex screws)	MultiRAE Pro	\$72
M01-2081-100	Protective rubber boot – yellow (diffusion units; includes two Hex screws)	MultiRAE Lite Diffusion	\$72
M01-2049-100	Swivel belt clip (includes screw and spring washer)	MultiRAE Pumped Models	\$29
M01-3202-000	"Pelican" carrying case with custom foam to accommodate the instrument + desktop cradle + Accessories and Calibration Kits with 2 gas cylinders and 2 regulators (accessories, cradle, instrument, gas and regulators not included)	All MultiRAE Models	\$499
M01-3203-000	Hard carrying case with custom foam to accommodate the instrument + desktop cradle + Accessories and Calibration Kits with 2 gas cylinders and 2 regulators (accessories, cradle, instrument, gas and regulators not included)	All MultiRAE Models	\$199

### MultiRAE Select Calibration Gases

PART NUMBER	DESCRIPTION	COMPATIBLE INSTRUMENTS	LIST PRICE
002-3025-000	Isobutylene, 34L Cylinder, Cal Gas and Regulator Kit, includes: Isobutylene Calibration Gas, 100 ppm, 34L cylinder; constant-flow CGA-600 regulator with adapter	Any MultiRAE with 10.6 eV ppm PID or for 3-point ppb PID cal.	\$234
600-0002-001	Isobutylene, 100 ppm, 103L steel cylinder	Any MultiRAE with 10.6 eV ppm PID or for 3-point ppb PID cal.	\$233
600-1063-000	Isobutylene, 10 ppm, 103L steel cylinder	MultiRAE Pro with ppb PID	\$233
600-0026-000	Isobutylene, 1,000 ppm, 34L steel cylinder	MultiRAE or MultiRAE Pro with extended-range ppm PID	\$72
600-0002-000	Isobutylene, 100 ppm, 34L steel cylinder	Any MultiRAE with 10.6 eV ppm PID or for 3-point ppb PID cal.	\$72
600-0069-000	Isobutylene, 10 ppm, 34L steel cylinder	MultiRAE Pro with ppb PID	\$72
600-0056-000	Chlorine (Cl <sub>2</sub> ), 10 ppm, 58L cylinder, balance N <sub>2</sub>	All MultiRAE Models	\$303
600-0139-000	Carbon Dioxide (CO <sub>2</sub> ), 5,000 ppm, 34L cylinder	All MultiRAE Models	\$72
600-0168-000	Carbon Monoxide (CO), 100 ppm, 34L cylinder	All MultiRAE Models	\$72
600-1002-000	Hydrogen (H <sub>2</sub> ), 200 ppm, 34L cylinder	MultiRAE Lite Diffusion	\$72
600-0050-007	Four-Gas Calibration Mix, 34L Aluminum Cylinder (50% LEL / 2.5% VOL CH <sub>4</sub> , 18% O <sub>2</sub> , 10 ppm H <sub>2</sub> S, 50 ppm CO, bal. N <sub>2</sub> )	All MultiRAE Models	\$245
600-0050-070	Four-Gas Calibration Mix, 58L Aluminum Cylinder (50% LEL / 2.5% VOL CH <sub>4</sub> , 18% O <sub>2</sub> , 10 ppm H <sub>2</sub> S, 50 ppm CO, bal. N <sub>2</sub> )	All MultiRAE Models	\$341



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