

Portable single and multi-gas monitors, bump/calibration stations and accessories

Product	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor	Single-Gas Monitor
Image								
Model	PM100-CO	PM100-H2S	PM100-O2	PM100-SO2	PM100-NH3	PM100-H2	PM100-NO2	PM150-CO2
Gas Type	Carbon Monoxide (CO)	Hydrogen Sulfide (H ₂ S)	Oxygen (O ₂)	Sulfur Dioxide (SO ₂)	Ammonia (NH ₃)	Hydrogen (H ₂)	Nitrogen Dioxide (NO ₂)	Carbon Dioxide (CO ₂)
Features	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C & D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Visible calibration status • Maintenance-free • Two-year operation • Single button operation • Event logging • Rugged, high visual housing • Easy-to-read LCD display • Class 1, Div. 1 Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification	• Infrared sensor • Easy-to-read LCD display w/ backlight • Dual button operation • Rugged general-purpose housing • Rechargeable via USB Type-C • Seven-day continuous runtime • Three-tier alarm system • Event & data logging
Applications	Parking garages and vehicle repair facilities, boiler rooms, power plants, forges, blast furnaces, coke ovens, chemical production, metal refineries, food packaging	Oil & gas pipeline compression refineries and processing plants, chemical production, wastewater treatment, pulp & paper, tanneries, agriculture, power plants	Confined spaces, laboratories, water treatment, aircraft repair stations, welding & cutting, chemical processing, sewer systems, medical facilities, gas production, cryogenics	Oil & gas, pipeline compression, refining & chemical production, coke ovens, coal-fired power plants, metal smelting & processing, pulp and paper	Meat and poultry processing, dairy plants, cold storage, chemical manufacturing, pharmaceuticals, food and beverage, agriculture	Battery storage systems, ammonia production, petroleum refining, metal processing, food production, electronics manufacturing, aerospace	Parking garages and vehicle repair facilities, boiler rooms, welding operations, oil and gas, metal manufacturing	Breweries and wineries, food processing, cannabis production, water & wastewater treatment, dry ice storage, laboratories, manufacturing, refrigeration, indoor air quality
Range	0-500 PPM	0-100 PPM	0-30% volume	0-50 PPM	0-100 PPM	0-1000 PPM	0-20 PPM	0-50,000 PPM (0-5% volume)
Weight	3.3 oz. (93 g.)	3.3 oz. (93 g.)	3.8 oz. (107 g.)	3.3 oz. (93 g.)	3.3 oz. (93 g.)	3.3 oz. (93 g.)	3.3 oz. (93 g.)	4.76 oz. (135 g.)
Size	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.4 x 1.9 x 1.6 in. (8.5 x 4.8 x 3.9 cm)	3.6 x 2.2 x 1.6 in. (9.1 x 5.6 x 4 cm)
Environment	-40°F to 122°F (-40°C to 50°C)	-40°F to 122°F (-40°C to 50°C)	-31°F to 122°F (-35°C to 50°C)	-40°F to 122°F (-40°C to 50°C)	-40°F to 122°F (-40°C to 50°C)	-40°F to 122°F (-40°C to 50°C)	-40°F to 122°F (-40°C to 50°C)	-4°F to 122°F (-20°C to 50°C)

Portable single and multi-gas monitors, bump/calibration stations and accessories

Product	Multi-Gas Monitor	Multi-Gas Monitor	Multi-Gas w/ Pump	PM500 Confined Space Kit	Bump / Cal Station	Bump / Cal Station	Calibration Gas	PC Interface
Image								
Model	PM400-P	PM400-IR	PM500	PM500 CSK	PM100-STN	PM400-STN	Calibration Gas	PM Link
Gas Type	CO, H ₂ S, O ₂ , LEL	CO, H ₂ S, O ₂ , LEL	CO, H ₂ S, O ₂ , LEL, SO ₂ , NH ₃ , NO ₂	CO, H ₂ S, O ₂ , LEL, SO ₂ , NH ₃ , NO ₂	N/A	N/A	Model Dependent	N/A
Features	- Catalytic bead (Pellistor) LEL sensor - Easy-to-read LCD display - Single button operation - Rugged, high visual housing - Class 1, Div. 1 Groups A, B, C, D, T4 - IP67 dust tight & water resistant 24-hour continuous runtime - Event & data logging	- Infrared LEL sensor - Easy-to-read LCD display - Single button operation - Rugged, high visual housing - Class 1, Div. 1 Groups A, B, C, D, T4 - IP67 dust tight & water resistant 60-day continuous runtime - Operates in inert environments - Event & data logging	- Integral sampling pump - Infrared or Catalytic bead LEL sensor - CO, H₂S, and O₂ standard - Additional gas options: PID (VOC), NH₃, SO₂, NO₂ & more - Rugged, high visual housing - Class 1, Div. 1, Groups A, B, C, D, T4 - IP67 dust tight & water resistant - Event & data logging	PM500 Confined Space Kit includes: - Demand regulator - Quad mix span gas (CO/H₂S/O₂/LEL) - Sampling probe 9' tygon tubing 3' calibration tubing (3) probe filters (5) dust filters (5) PTFE filters - Carrying Case	- For use with PM100 CO, H₂S & O₂ models - Bump test and/or calibrate up to four units simultaneously - Event and data logging through PC or PM link - Automatic update PM100 configuration and firmware - Rechargeable battery lasts up to 1000 bump tests on single charge - Computer not required for normal operation	- Bump test and/or calibrate up to four units simultaneously - Event and data logging through PC or PM link - Automatically update PM400 configuration and firmware - Rechargeable battery lasts up to 1000 bump tests on single charge - Rugged case - Computer not required	- NIST Traceable - PM400 Quad Mixture includes: 58 Liter (CO) 100 PPM, (H₂S) 25 PPM, (CH₄) 50% LEL, and (O₂) 18% Volume - PM100 Calibration gas mixture options: (CO) 105L 100 PPM, (H₂S) 58L 25 PPM, (O₂) 105L 18% Vol., (NH₃) 58L 50 PPM, (SO₂) 58L 10 PPM, (H₂) 58L 500 PPM, or (NO₂) 58L 10 PPM	- Firmware updates - Data logging - Configuring your AimSafety PM100, PM400, and PM500 devices - Software download - Standard USB-A connection
Applications	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry	Confined space entry, Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, pulp & paper, power generation, general industry	Confined space entry, Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, pulp & paper, power generation, general industry	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry	Calibration gas cylinders available for all AimSafety monitors. Units are factory calibrated. Bump test and calibrate on a regular basis.	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry
Range	CO: 0-500 PPM, H ₂ S: 0-100 PPM, O ₂ : 0-30% volume, Combustible: 0-100% LEL	CO: 0-500 PPM, H ₂ S: 0-100 PPM, O ₂ : 0-30% volume, Combustible: 0-100% LEL	CO: 0-500 PPM, H ₂ S: 0-100 PPM, O ₂ : 0-30% volume, Combustible: 0-100% LEL	N/A	N/A	N/A	N/A	N/A
Weight	8.3 oz. (235 g.)	8.0 oz. (227 g.)	17.3 oz. (490 g.)	8 lbs. (3.6 kg)	23 lbs. (10.4 kg)	23 lbs. (10.4 kg)	Varies by cylinder type	1.6 oz. (45 g.)
Size	4.5 x 2.4 x 1.6 in. (11.4 x 6 x 4 cm)	4.5 x 2.4 x 1.6 in. (11.4 x 6 x 4 cm)	5.7 x 3.0 x 1.7 in. (14.6 x 7.7 x 4.3 cm)	18 x 13.5 x 6 in. (45.7 x 34.3 x 15.2 cm)	20.6 x 16.8 x 8.1 in. (52.4 x 42.8 x 20.6 cm)	20.6 x 16.8 x 8.1 in. (52.4 x 42.8 x 20.6 cm)	Varies by cylinder type	1.5 x 2 x .6 in. (3.8 x 5 x 1.5 cm)
Environment	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	See Detector Specifications	41° to 104°F (5° to 40°C)	41° to 104°F (5° to 40°C)	Store below 125°F (52°C)	41° to 104°F (5° to 40°C)