














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	Bump / Cal Station
Image								
Model	PM100-CO	PM100-H2S	PM100-O2	PM100-SO2	PM100-NH3	PM100-H2	PM100-NO2	PM100-STN
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)	N/A
Features	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C & D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • 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 & 2, Groups A, B, C, D • IP67 dust tight and water resistant • 30-day end-of-life notification 	<ul style="list-style-type: none"> • For use with PM100 CO, H₂S & O₂ models • Bump test and/or calibrate up to four PM100 single-gas units at one time • 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 <ul style="list-style-type: none"> • Rugged case • Computer not required for normal operation
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	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	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	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
Range	0-500 PPM	0-100 PPM	0-30% volume	0-50 PPM	0-100 PPM	0-1000 PPM	0-20 PPM	N/A
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.)	23 lbs. (10.4 kg)
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)	20.6 x 16.8 x 8.1 in. (52.4 x 42.8 x 20.6 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)	41° to 104°F (5° to 40°C)

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

Product	Single-Gas Monitor	Multi-Gas Monitor	Multi-Gas Monitor	Two-Gas Monitor	Two-Gas Monitor	Bump / Cal Station	Calibration Gas	PC Interface
Image								
Model	PM150-CO2	PM400-IR	PM400-P	PM400-IR2G	PM400-P2G	PM400-STN	Calibration Gas	PM Link
Gas Type	Carbon Dioxide (CO ₂)	CO, H ₂ S, O ₂ , LEL	CO, H ₂ S, O ₂ , LEL	O ₂ , LEL	O ₂ , LEL	N/A	Model Dependent	N/A
Features	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Firmware updates Data logging Configuring your AimSafety PM100 and PM400 devices Software download
Applications	Wineries, breweries, food processing, cannabis production, dry ice, laboratories, manufacturing, refrigeration, indoor air quality	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	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	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry	For use with AimSafety portable multi-gas PM400 and single-gas PM100 monitors – All Macurco monitors are shipped factory calibrated and suggested to be calibrated regularly and tested prior to use	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry
Range	0-50,000 PPM (0-5% volume)	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	O ₂ : 0-30% volume, Combustible: 0-100% LEL	O ₂ : 0-30% volume, Combustible: 0-100% LEL	N/A	N/A	N/A
Weight	4.76 oz. (135 g.)	8.0 oz. (227 g.)	8.3 oz. (235 g.)	8.0 oz. (227 g.)	8.3 oz. (235 g.)	23 lbs. (10.4 kg)	Varies by cylinder type	1.6 oz. (45 g.)
Size	3.6 x 2.2 x 1.6 in. (9.1 x 5.66 x 4 cm)	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)	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)	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)	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)	41° to 104°F (5° to 40°C)	Store below 125°F (52°C)	41° to 104°F (5° to 40°C)