
















## 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	Bump/ Cal Station	Calibration Gas	PC Interface
Image								
Model	PM100-CO	PM100-H2S	PM100-O2	PM100-SO2	PM100-NH3	PM100-STN	PM Cal Gas	PM Link
Gas Type	Carbon Monoxide (CO)	Hydrogen Sulfide (H2S)	Oxygen (O2)	Sulfur Dioxide (SO2)	Ammonia (NH3)	N/A	CO, H2S, O2, SO2, or NH3	N/A
Features	<ul style="list-style-type: none"> <li>Visible calibration status</li> <li>Maintenance-free</li> <li>Operates continuously for two years</li> <li>Single button operation</li> <li>Event logging</li> <li>Rugged, high visual housing</li> <li>Easy-to-read LCD display</li> <li>IP67 dust tight and water resistant</li> <li>30-day end-of-life notification</li> </ul>	<ul style="list-style-type: none"> <li>Visible calibration status</li> <li>Maintenance-free</li> <li>Operates continuously for two years</li> <li>Single button operation</li> <li>Event logging</li> <li>Rugged, high visual housing</li> <li>Easy-to-read LCD display</li> <li>IP67 dust tight and water resistant</li> <li>30-day end-of-life notification</li> </ul>	<ul style="list-style-type: none"> <li>Visible calibration status</li> <li>Maintenance-free</li> <li>Operates continuously for two years</li> <li>Single button operation</li> <li>Event logging</li> <li>Rugged, high visual housing</li> <li>Easy-to-read LCD display</li> <li>IP67 dust tight and water resistant</li> <li>30-day end-of-life notification</li> </ul>	<ul style="list-style-type: none"> <li>Visible calibration status</li> <li>Maintenance-free</li> <li>Operates continuously for two years</li> <li>Single button operation</li> <li>Event logging</li> <li>Rugged, high visual housing</li> <li>Easy-to-read LCD display</li> <li>IP67 dust tight and water resistant</li> <li>30-day end-of-life notification</li> </ul>	<ul style="list-style-type: none"> <li>Visible calibration status</li> <li>Maintenance-free</li> <li>Operates continuously for two years</li> <li>Single button operation</li> <li>Event logging</li> <li>Rugged, high visual housing</li> <li>Easy-to-read LCD display</li> <li>IP67 dust tight and water resistant</li> <li>30-day end-of-life notification</li> </ul>	<ul style="list-style-type: none"> <li>For use with PM100 CO, H2S &amp; O2 models</li> <li>Bump test and/or calibrate up to four PM100 single-gas units at one time                             <ul style="list-style-type: none"> <li>Event and data logging through PC or PM link</li> </ul> </li> <li>Automatic update PM100 configuration and firmware</li> <li>Rechargeable battery lasts up to 1000 bump tests on single charge                             <ul style="list-style-type: none"> <li>Rugged case</li> </ul> </li> <li>Computer not required for normal operation</li> </ul>	<ul style="list-style-type: none"> <li>Calibration gas options: (CO) 105L 100ppm, (H2S) 58L 25ppm, (O2) 105L 18% Vol., (NH3) 58L 50ppm, or (SO2) 58L 10ppm</li> </ul> <p>Each detector's performance should be tested regularly.</p>	<ul style="list-style-type: none"> <li>Firmware updates</li> <li>Data logging</li> <li>Configuring your AimSafety devices</li> <li>Software download</li> </ul>
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	For use with the AimSafety portable single-gas PM100 monitors	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% VOL	0-50 PPM	0-100 PPM	N/A	N/A	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.)	23 lbs. (10.4 kg) Without cylinder	1 lb. (0.45 kg)	1.6 oz. (45 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)	20.6 x 16.8 x 8.1 in. (52.4 x 42.8 x 20.6 cm)	10.6 x 3.1 x 3.1 in. (27 x 7.9 x 7.9 cm)	1.5 x 2 x .6 in. (3.8 x 5 x 1.5 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)	41° to 104°F (5° to 40°C)	See Detector Specifications	41° to 104°F (5° to 40°C)

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

Product	Multi-Gas Monitor	Multi-Gas Monitor	Two-Gas Monitor	Two-Gas Monitor	Bump/Cal Station	Calibration Kit	PC Interface
Image							
Model	PM400-IR	PM400-P	PM400-IR2G	PM400-P2G	PM400-STN	PM-Quad Cal Gas	PM Link
Gas Type	CO, H2S, O2, LEL	CO, H2S, O2, LEL	O2, LEL	O2, LEL	N/A	CO, H2S, O2, LEL	N/A
Features	<ul style="list-style-type: none"> <li>Infrared sensor for LEL</li> <li>Easy-to-read LCD display</li> <li>Single button operation               <ul style="list-style-type: none"> <li>Rugged, high visual housing</li> </ul> </li> <li>IP67 dust tight &amp; water resistant</li> <li>60-day continuous runtime</li> <li>Sensor immune to poisoning</li> <li>Sensor use in inert (O2) environments               <ul style="list-style-type: none"> <li>Event logging</li> <li>Data logging</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Catalytic bead (Pellistor) sensor for LEL</li> <li>Easy-to-read LCD display</li> <li>Single button operation               <ul style="list-style-type: none"> <li>Rugged, high visual housing</li> </ul> </li> <li>IP67 dust tight &amp; water resistant</li> <li>24-hour continuous runtime               <ul style="list-style-type: none"> <li>Event logging</li> <li>Data logging</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Infrared sensor for LEL</li> <li>Easy-to-read LCD display</li> <li>Single button operation               <ul style="list-style-type: none"> <li>Rugged, high visual housing</li> </ul> </li> <li>IP67 dust tight &amp; water resistant</li> <li>60-day continuous runtime</li> <li>Sensor immune to poisoning</li> <li>Sensor use in inert (O2) environments               <ul style="list-style-type: none"> <li>Event logging</li> <li>Data logging</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Catalytic bead (Pellistor) sensor for LEL</li> <li>Easy-to-read LCD display</li> <li>Single button operation               <ul style="list-style-type: none"> <li>Rugged, high visual housing</li> </ul> </li> <li>IP67 dust tight &amp; water resistant</li> <li>24-hour continuous runtime               <ul style="list-style-type: none"> <li>Event logging</li> <li>Data logging</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Bump test and/or calibrate up to four PM400 multi-gas units at one time</li> <li>Event and data logging through PC or PM link</li> <li>Automatic update PM400 configuration and firmware</li> <li>Rechargeable battery lasts up to 1000 bump tests on single charge               <ul style="list-style-type: none"> <li>Rugged case</li> </ul> </li> <li>Computer not required for normal operation</li> </ul>	<ul style="list-style-type: none"> <li>PM400 Quad Mixture 58L includes:               <ul style="list-style-type: none"> <li>(CO) 100ppm,</li> <li>(H2S) 25ppm,</li> <li>(CH4) 50% LEL, and</li> <li>(O2) 18% Vol.</li> </ul> </li> <li>All Macurco gas detectors are factory calibrated. Each detector's performance should be tested regularly.</li> </ul>	<ul style="list-style-type: none"> <li>Firmware updates</li> <li>Data logging</li> <li>Configuring your AimSafety devices</li> <li>Software download</li> </ul>
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	For use with AimSafety portable multi-gas PM400 monitors	Oil & gas, pipeline compression, refining & chemical production, water/wastewater treatment, food & beverage, metal manufacturing, pulp & paper, power generation, general industry
Range	CO: 0-500ppm, H2S: 0-100ppm, O2: 0-30% Vol., Combustible: 0-100% LEL	CO: 0-500ppm, H2S: 0-100ppm, O2: 0-30% Vol., Combustible: 0-100% LEL	O2: 0-30% Vol. Combustible: 0-100% LEL	O2: 0-30% Vol. Combustible: 0-100% LEL	N/A	N/A	N/A
Weight	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) Without cylinder	1.4 lbs. (.63 kg)	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)	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)	10.6 x 3.1 x 3.1 in. (27 x 7.9 x 7.9 cm)	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)	41° to 104°F (5° to 40°C)	See Detector Specifications	41° to 104°F (5° to 40°C)