



**AMD-200  
CO Monitor**

### Technical Specifications

- Range: 0-50 ppm CO
- Alarm Levels: Alarm 1: 5 ppm CO, user adjustable  
Alarm 2: 10 ppm CO, user adjustable  
Alarm 3: 20 ppm CO, user adjustable
- Alarm Adjustment: All 3 alarms are user adjustable between 3 to 50 ppm
- Audible Alarm: 105 dB at 30 cm (12 inches)
- Visual Gas Alarm: 3 Red LEDs
- Visual Power/Fault: Green/Red LED
- Display: 8 Character, high contrast dot matrix LCD with backlight
- Resolution: 1 ppm
- Sensor: Electrochemical
- Response Time:  $t_{90} = 30$  sec
- Accuracy: +/- 10% of reading
- Temperature Range: 32° to 104° F (0° to +40° C)
- Outputs: Relays: 4 Form C, 10A SPDT contacts, 3 gas alarms & 1 fault  
Analog: 4-20mA  
Digital: RS-485 Modbus
- Power: 110 VAC, 220 VAC and/or 24 VDC, 15W
- Power Connection: Supplied with strain relief for 0.20 to 0.35 inch diameter cable
- Inlet Air Line Connection: 1/4" NPT female
- Air Line Sample Hose to Monitor: 5 foot length
- Inlet Pressure: 60-150 psi, air supply lines, 55 psi regulated to monitor
- Enclosure: Polycarbonate
- Size, Instrument Only: 7 x 5 x 3 inches (18 x 13 x 8 cm)
- Weight, Instrument Only: 2 lbs (0.9 kg)

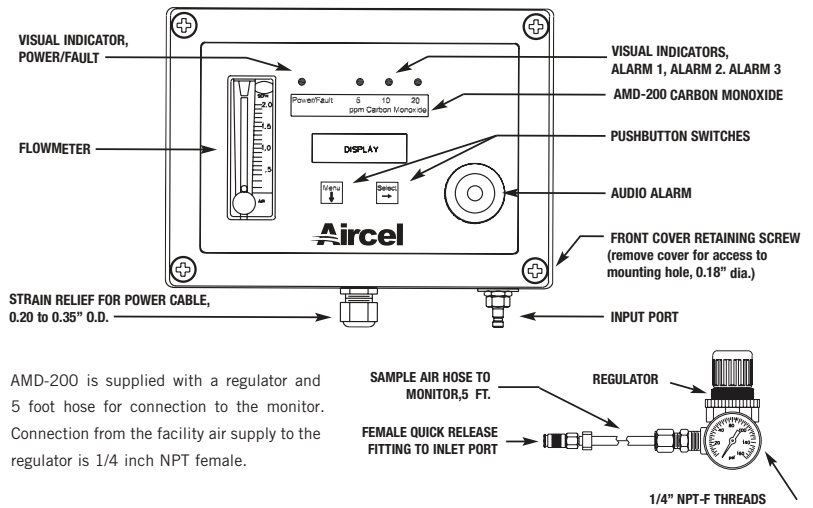
The AMD-200 is a compact, easy to install and operate, compressed air line CO monitor. The instrument incorporates a rotameter for confirmation of proper airflow, a backlighted digital display and a highly specific electrochemical carbon monoxide sensor for trouble free and reliable operation.

The AMD-200 is designed for use in a wide variety of applications ranging from automotive, and similar, paint spray operations to wood finishing. This monitor can be used in virtually any commercial or industrial process that requires CO monitoring of compressed breathing air for personnel working in such operations.

### Standard Features

- Compact Design
- Digital Display
- 4-20 mA Output
- 3 Levels of Alarms
- Audio and Visual Alarms
- High Capacity Relays
- Flow Meter for Confirmation of Airflow
- High Integrity Polycarbonate Enclosure
- Protected Maintenance Functions
- User Programmable Alarms & Relays
- RS-485 Digital Communication Capability
- 110 VAC, 220 VAC, 24 VDC Power Options
- "Intelli-Cal" Push-button Calibration Procedure

### AMD-200 SERIES External Features



AMD-200 is supplied with a regulator and 5 foot hose for connection to the monitor. Connection from the facility air supply to the regulator is 1/4 inch NPT female.

Due to a continuous program of product improvement, specification and dimensions are subject to change without notice.