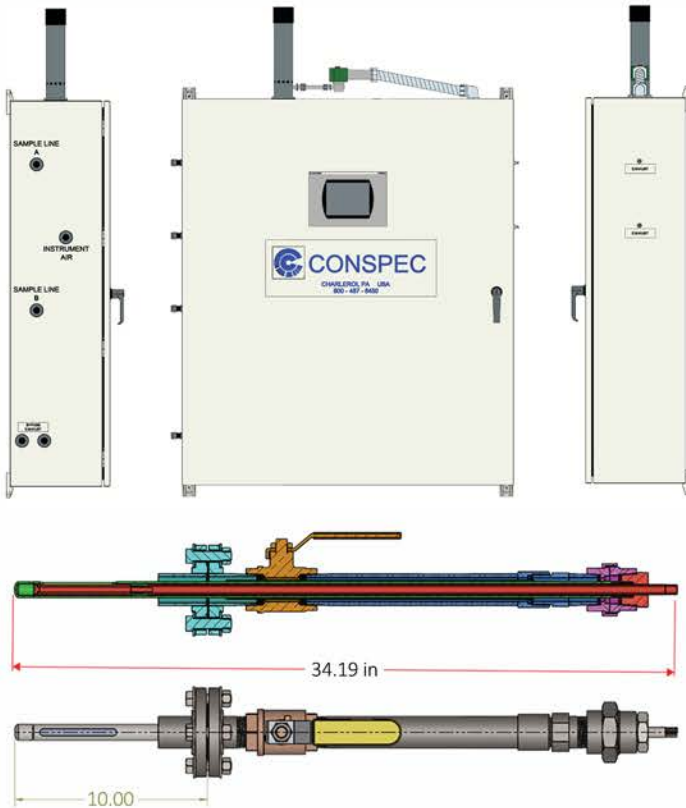


# CS0352-MP

## Dual-Probe Gas Sampling System



CONSPEC's CO Sample Series is an economical choice for carbon monoxide monitoring in harsh environments. The monitoring station is a complex sampling system controlled by an Allen Bradley PLC controller. An industry standard 4-20mA analog output, relays, and/or Ethernet comms. can be connected to any existing PLC, DCS, or EMS system.

The CO Monitoring Station's switching probe feature allows for monitoring of Carbon Monoxide levels at alternating locations. As the sample is collected, it is cooled and any condensed moisture is removed through the water removal system. The water removal system ensures accurate readings and prolongs sensor life.

System start-up and integration times are significantly reduced due to factory programming, calibration, and complete system testing before shipment. We also offer low cost commissioning upon final installation of the system.

### Benefits

- Early Fire Warning
- Continuous monitoring of CO in harsh environments
- Extra layer of protection against a Mill Puff
- Able to work in conjunction with fire suppression systems
- Gas specific sensors equal no false alarms

### Applications

- Coal Mills / Pulverizers

### Key Features

- Maintenance mode for testing of internal components
- Low-flow detect indicating probe may have obstructions
- Auto blow-back for clearing probe of obstructions
- Automatic reset after power loss/interruption
- No false alarms due to gas specific sensors
- Pumps can be deactivated during spray and/or deluge
- Industry standard outputs & signals
- One year limited warranty

# CS0352-MP

## Mechanical

Enclosure	Metallic NEMA 4
Dimensions	40" x 30" x 12"
Weight	Approximately 120 lbs.
Mounting	Four (4) mounting holes w/ optional mounting feet

## Environmental

Operating Temperature	0°C - 50°C (32°F - 120°F)
Operating Humidity	0 - 100% Condensing Water removal system to operate in humid conditions

## Electrical

Operating Voltage	120VAC Input Power
Current Consumption	~ 2A
Output Signals	Linear 4-20mA / Dry Contact / Ethernet / Fiber Optic

## System

Sensory Types	Electrochemical
Keypad	Allen Bradley PanelView Color Touchscreen
Turnkey Software Programming	Yes
Display	Allen Bradley PanelView Color Touchscreen
Alarm Set Point #1	Customer Defined
Alarm Set Point #2	Customer Defined
System Test	Allen Bradley Touchscreen activated
Minimum Air Requirement	90 psi. Instrument air - 15 to 25 scfm.

## Available Accessories

- P1879 Calibration Kits
- P1880 Calibration Gases

## Available Gas Types/Elements

- Carbon Monoxide
- Oxygen

SALES REPRESENTATIVE



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