

Carbon Monoxide Transmitter

(Continuous Online Monitoring System)



Ace AI-CO Series Carbon Monoxide Transmitter accurately measures the Carbon Monoxide concentration levels in Steel Industries, Parking Lots, Buildings, Furnace, Generator, Motor Vehicles, Tobacco Factory and other Indoor Environments. This Electrochemical sensor has increased Shelf life that automatically corrects the measurements in both occupied and unoccupied buildings against aging effects. Ace Carbon Monoxide transmitter can be used for air monitoring of supply, exhaust and return air in critical environment



WITHOUT
DISPLAY MODEL

Features :

- High-performance Electrochemical sensors and circuits ensure accurate measurement
- Analog 4-20mA/ 0-10V DC Selectable Output
- 0 to 100 PPM Range Standard. (Also available 0 to 250 PPM)
- Long term stability and reliability
- >10 Years Sensor Life
- Digital technology applied, over-voltage and reverse polarity protection, high reliability and interference capability
- Fast Sensor Response
- RS-485 Modbus Communication
- High protection rate up to IP65
- Available in display and without Display



HVAC



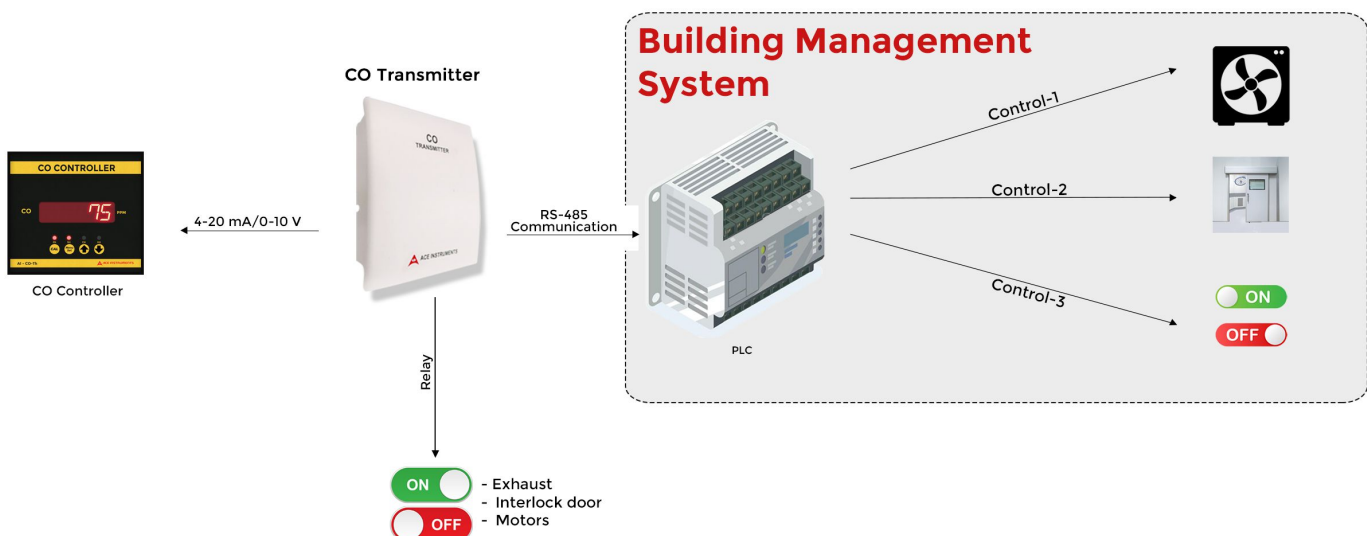
Parking Lot



Mining Industry



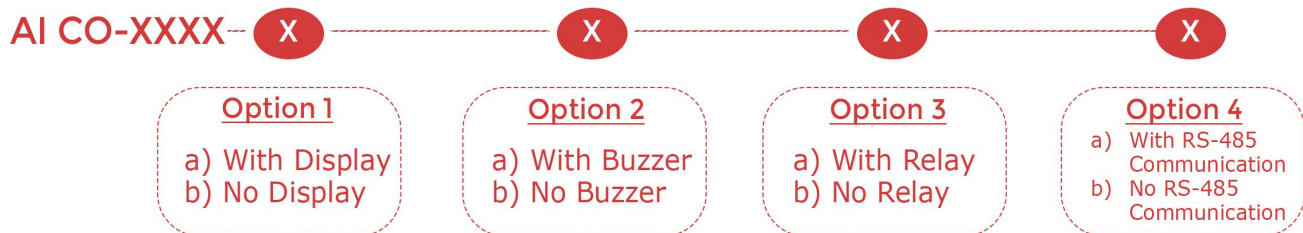
Marine Vessels



Technical Specifications

Model No	AI-CO Series (Choose model number from ordering info)
Measuring Parameters	Carbon Monoxide : 0 to 100 ppm, 0 to 250 ppm
Accuracy	+/- 5% for 0 to 100 ppm ; +/- 10% for 100 to 250 ppm
Sensor Type	Electrochemical Sensor
Display	Option 1 : Without Display Option 2 : With LCD Display
Operating Conditions	Temperature: -10 to 60°C ; Humidity: 0 to 95%
Storage Temperature	-10 to 60°C
Response Time	< 60 Sec
Communication	Isolated RS 485 Modbus Protocol Communication
Output	4-20mA / 0-10 VDC
Output Load Regulation	> 2K Ω (voltage), 500 Ω (current)
Relay/ Alarm	Optional 1 No. Relay Output (NO/CO/NC) rated 2Amps ; Optional in Built Buzzer Low level or high level alarm
Power Supply	24 VDC, 250m A
Housing material	ABS Plastic Wall Mounting Type Enclosure
Warranty	12 Months Manufacturing Warranty
Weight	<300 Grams
Manufacturer	Ace Instruments

AI-CO Ordering Information



Clean Rooms | Pharma | Hospital | HVAC | BulkDrugs | Chemicals | Heavy Machinery
Hydraulics & Vacuum Industry | Green House | Server Room | Confined Space | Cold Storage

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