

Ace Clean Room Oxygen Monitor

(Ace AI-CL-O2)

Ace AI-CL-O2 Clean Room Oxygen Monitor is a flush-mounted type online oxygen concentration indicator. The cleanroom oxygen monitor is also available in a flameproof enclosure for use in explosion-proof –flameproof areas.



Features of Ace Clean Room Oxygen Monitor:

- The cleanroom oxygen monitor measures oxygen levels from 0.0% to 25.0%.
- The cleanroom oxygen monitor comes with a clear 4 digit LED display, 0.56” in height.
- In-built buzzer alarm for alert in case of oxygen falling below recommended levels (user selectable limits). A buzzer acknowledgment switch is provided on the front plate.
- 4–20 mA Analog output for PLC integration optional relay (to connect to PLC/VAV/Exhaust valve).
- RS 485 Modbus communication to connect to BMS/EMS Systems.

Technical Specifications:

Manufacturer	Ace Instruments
Model	AI-CL-O2
Measuring Range	0-25% Vol, (Optional 0-100%Vol in ABS Plastic Body)
Accuracy	+/- 1% F.S
Display	4 digit, 0.56’’ High, 7 segment red LED display
Response Time	Approx. 15 seconds
Enclosure	Mirror finished front stainless steel flush plate with MS back box
Sensor Type	Japanese Electro-chemical type, quick response, no CO2 influence
Analog Output	4-20mA analog output for connection onto analog input cards on PLC/DDC
Buzzer	Built-in Buzzer with alarm for low and high limit violation alert & acknowledgment key
Sensing Method	Galvanic Cell
Sensor Life	Approx. 5 years, after which the Oxygen Cell is directly replaceable
Power Supply	12-24VDC, by the way of 110-230 VAC, 50-60Hz Adaptor provided along with (Fits well in USA and European countries Also)
Communication	RS 485 Modbus protocol communication for connecting onto PC/EMS/BMS/SCADA/PLC Integration
Supply Scope	1 Unit of CL-O2 Clean Room Oxygen Monitor, Power Adaptor, Instruction Manual and Factory Calibration Certificate
Warranty	12 Months Manufacturer Warranty
Dimension	Front SS plate – 180 X 200(W x H) Back MS box – 110 X 150 X 45(W X H x D)

Other Related Models:



Ace Flame Proof
Oxygen Monitor



Ace Digital
Oxygen Monitor



Ace AI-CRM 3-1-1
Pharma Clean Room Monitor



Ace AI-CRS4-IA-TFT
Hospital Room Monitor

Temp | Humidity | Pressure | Differential Pressure | Vacuum | Gases | Particle | Air Flow
Moisture | Dissolved Oxygen | Radiation | Air Quality | Light / Lux | Distance | Vibration

Instrukart Holdings

Ph : +91 (40)40262020 | Mob : +91 88865 50506;
Email : info@instrukart.com | www.instrukart.com
Head Office: #18,Street-1A, Czech Colony, Sanath Nagar, Hyderabad -500018, INDIA.

<https://youtube.com/instrukartholdings>

