

Handled Air Quality Monitor

Features:

- Portable Meter Checking Indoor Air Quality
- Triple Display 3 Parameters Simultaneously:
CO₂, Temperature & Humidity & Display Air/dew Point/wet Bulb. Temp by Selection
- Big LCD Display with High Resolution
- Design with NDIR (Non-Dispersive Infrared) Waveguide Technology Sensor
- Warning Carbon Dioxide Level
- Back Light Function for Working in Dark Area
- Long Time Drift Compensation
- Audible Alarm Threshold Setting
- Maximum, Minimum, Average Functions Included
- RS232 output every 2 Seconds via Software to link to PC for Further Analysis (Optional)
- Hold Function Freezes Current Readings
- Display TWA (Time Weighted Average) 8 Hrs. value or 15 minutes STEL (Short Term Exposure Limit value)



APPLICATIONS:



Specifications:

| | | | |
|------------------------|--|----------------------------------|--|
| Model | : Ace AI-Co2-P1 | Response Time | : About 30 seconds |
| Measuring Range | | Alarm Sound Level | : 60 dB |
| CO ₂ | : 0 to 9999 ppm | Operating Condition | : -5 to 60°C, 0 to 95% RH (Avoid Condensation) |
| Temperature | : -10°C to 60°C (14 to 140°F) | Storage Condition | : -20 to 60°C, 0 to 95%RH (Avoid Condensation) |
| Humidity | : 0 to 85 % RH | Power Supply | : AA type (UM-3) x 4 pcs |
| Dew Point Temp | : -73.4°C to 60°C | Battery Life | : More than 10 hours |
| Wet Bulb Temp | : -13.3°C to 60°C | Standard Packing Includes | : Meter, Manual, Batteries & Hard Carrying Case |
| Accuracy | | Optional Accessories | : Salt Solution 33%RH, 75%RH, Adaptor 100-240VAC, Rs232 Software with D-sub Connector VZRS232M |
| Co ₂ | : ± 75ppm, ± 5% of Reading | Make | : ACE INSTRUMENTS |
| Temperature | : ± 0.6°C / ± 0.9°F, | | |
| Humidity | : ± 3% RH (at 25°C, 10 to 90%) others ± 5% for other RH Range | | |
| Resolution | | | |
| CO ₂ | : 2ppm | | |
| Temperature | : 0.1°C/°F | | |
| Humidity | : 0.1% | | |
| Sensing Tech | : CO ₂ - NDIR Sensor Humidity - Capacitor Type | | |
| Warm-up Time | : 30 Seconds | | |

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

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