

GAS BLENDING SYSTEMS



9600 SERIES CONTINUOUS CO₂ ANALYZER

CONCOA's Guardian Series analyzers are designed to monitor Carbon Dioxide in Argon or Nitrogen from a fixed point. This makes Guardian a perfect choice for metal fabrication, landfill, horticulture, brewing, and food processing applications. Coupled with the innovative AutoBlend or BlendMaster gas mixers, CONCOA offers a complete system that ensures long-term quality.



Advanced Features

Single Source Dual Wavelength NDIR
(Nondispersive Infrared Detector)
No moving parts
Highly gas specific

Local Hi/Low Alarm
Visual
Audible

Output Capability
4-20 mA or 0-20 mA
Dry relay contact
RS232 (Optional)

Applications

Shielding Gas
Food Processing
Brewing
Horticulture

Specifications

Accuracy
± 2% of full scale

Power Requirement
110 or 220 VAC (50-60 Hz)

Maximum Inlet Pressure
15 PSIG (1 BAR)

Sample Pump Rate
0.04 SCFM (1.0 LPM)

Response Time
< 30 seconds to 90% step change

Operating Temperature
0 to 104° F (-18 to 40° C)

Warm-up Time
1 minute (operational)
30 minutes (full specification)

Enclosure Rating
IP54 (NEMA 3.8)

Ordering Information

Part Number	Description
830 9600	0-30% Carbon Dioxide in Argon, 110V Wall Mountable Continuous Analyzer
830 9601	0-100% Carbon Dioxide in Argon, 110V Wall Mountable Continuous Analyzer

**Other Configurations Available*