

# GAS BLENDING SYSTEMS



## 9600 SERIES CONTINUOUS CO<sub>2</sub> 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	Specifications	
Shielding Gas	<b>Accuracy</b> ± 2% of full scale	<b>Operating Temperature</b> 0 to 104° F (-18 to 40° C)
Food Processing	<b>Power Requirement</b> 110 or 220 VAC (50-60 Hz)	<b>Warm-up Time</b> 1 minute (operational) 30 minutes (full specification)
Brewing	<b>Maximum Inlet Pressure</b> 15 PSIG (1 BAR)	<b>Enclosure Rating</b> IP54 (NEMA 3.8)
Horticulture	<b>Sample Pump Rate</b> 0.04 SCFM (1.0 LPM)	
	<b>Response Time</b> < 30 seconds to 90% step change	

### 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*