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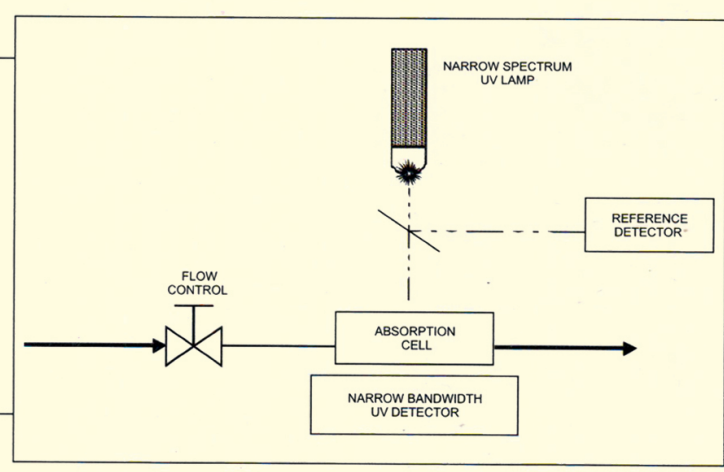


Model OA Xgen100® Single Channel UV Ozone Analyzer

Specifications

Measuring Principle: (Beer Lambert Law)	Dual Beam UV Photometer @254nm	Response Time:	<5s (0-95%)
UV Lamp:	Low Pressure mercury lamp, long life design, burnt-in for 300h	Warm-up time:	5min. max, 3min typical
Display:	4x20 Matrix Backlight LCD	Diagnostics:	Auto-Checking with alarms
Status Outputs:	Automatic Zeroing, Power UV Adjustment, UV Lamp Low.	Signal Output:	Concentration 0-5 VDC (<i>Recorder Output</i>)
		Control Output:	0-5 VDC, programmable discrete increments.
		Digital Interface:	Bi-directional RS-232, showing concentration, threshold alarms and error messages.
Measurement Range:	0-100, 250,500,1000 pphm	Gas Port:	Compression type for ¼" PFA tubing Safety Catalyst for off gas included
Sample Flow Rate:	0.5 to 2 LPM	Dimensions (HxWxD):	(177x358x324mm)
Compensation:	Optional pressure, temperature, molecular weight	Weight:	Rackmount:24lbs (11Kg)
Temperature Range:	5°C to 45°C	Power:	240VAC/50-60Hz
Accuracy:	<1%, traceable to NIST		
Resolution:	0.001ppm		

Schematic



Applications

- Monitoring of ozone in ambient air
- Ambient monitoring in ozone plants
- Off-gas monitoring
- Monitoring in Material testing
- TLV monitoring (Threshold Limit Value)
- Water-treatment plants/Semiconductor processes

For additional information contact
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