CuraTerrae

The Model T265 Chemiluminescence O_3 Analyzer



A trace-level ozone analyzer based on the chemiluminescence of ozone combined with nitric oxide (NO), the T265 is the only commercially available US EPA Federal Reference Method for ozone monitoring. It is ideal in applications where the photometric method may have false positive indications from fine particulates, Hg, terpenes, ClO_2 and VOCs. The analyzer is virtually free from interferences and combines high speed of response, sensitivity and stability with a simple user interface to provide reliable ozone measurements under the harshest conditions.

— With NumaView™ premium T Series software —

- Large, vivid, and durable color touchscreen display
- All other T Series instrument platform features
- Lifetime technical support by phone and email
- Standard two-year warranty

T265 Specifications

Ranges	Min: 0 - 100 ppb full scale Max: 0 - 2,000 ppb full scale (selectable, dual range supported)
Measurement Units	ppb, ppm, µg/m^3, mg/m^3 (selectable)
Zero Noise	< 0.15 ppb (RMS)
Span Noise	< 0.5% of reading (RMS) above 100 ppb
Lower Detectable Limit	< 0.3 ppb
Zero Drift	< 0.5 ppb / 24 hours
Span Drift	< 0.5% of full scale / 24 hours
Response Time	< 30 seconds to 95%
Linearity	1% of full scale
Precision	0.5% of reading
Sample Flow Rate	500 cc/min ±10%
Power Requirements	100V - 120V, 220V - 240V, 50/60 Hz, Typical power 150W
Analog Output Ranges	10V, 5V, 1V, 0.1V (selectable)
Recorder Offset	±10%
Included I/O	1 x Ethernet: 10/100Base-T 2 x RS232 (300-115,200 baud) 2 x USB device ports 8 x opto-isolated digital outputs 6 x opto-isolated digital inputs 4 x analog outputs
Optional I/O	1 x USB com port 1 x RS485 4 x digital alarm outputs Multidrop RS232 3 x 4-20mA current outputs
Operating Temperature Range	5 - 40°C (with US EPA Approval)
Dimensions (HxWxD)	7" x 17" x 23.5" (178 x 432 x 597 mm)
Weight	40 lbs (18.1 kg)
Certifications	US EPA: RFOA-0216-230 US EPA: EQOA-0611-199

Specifications subject to change without notice.
All specifications are based on constant conditions.

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