

OZONE GAS ANALYZER SERIES LUM



Continuous chemiluminescent process ozone analyzer for measurement of ozone in waste and ambient air, selectively in presence of organic gases



PRINCIPLE OF OPERATION

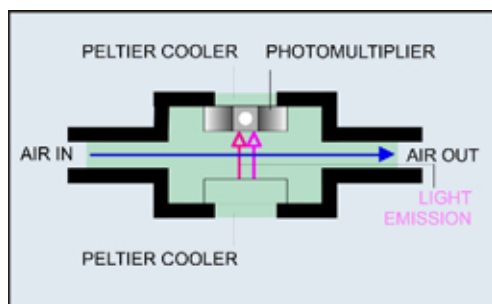


FIG. 1: PRINCIPLE OF OPERATION

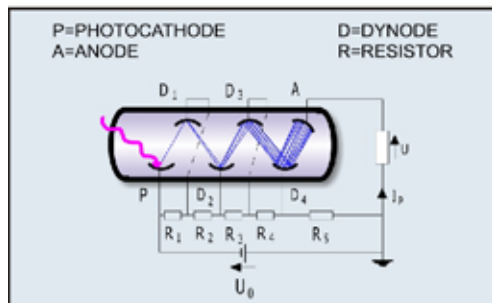


FIG. 2: PRINCIPLE OF PHOTOMULTIPLIER

INTERACTIVE GRAPHIC DISPLAY

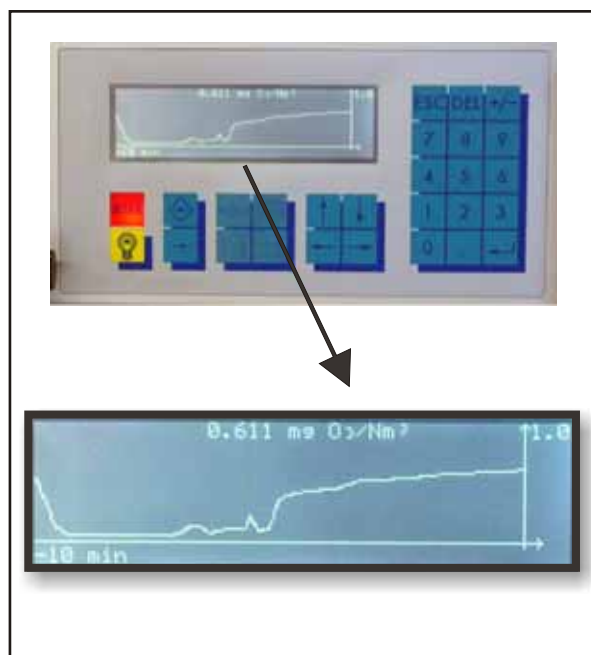


Abb. 3: Analyzing data reading more easy with wide LCD graphic display

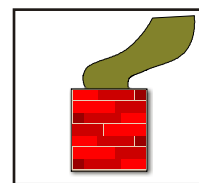
FEATURES

- Solid fuel cartridge system uses no ethylene
- Minimal interference from organics
- Minimum range: 0 - 500 ppbv ($1000 \text{ mg O}_3/\text{m}^3$)
- Minimum detectable concentration 0,1 ppb
- Automatic calibration via internal UV source
- Autozero by internal zero gas source

APPLICATIONS



Industrial hygiene
Safety



Environmental

SPECIFICATIONS

Measuring principle:	Chemiluminescent solid fuel cartridge uses no ethylene
Measuring range:	0.1 - 500 ppbv O_3 0.001 - 1.000 $\text{mg O}_3/\text{m}^3$
Noise:	1 ppb
Response time:	2.5 seconds
Sensitivity:	0.1 ppb
Zero drift:	< 0.5 % / 24 hrs.
Span drift:	< 1 % / 24 hrs.
Output:	Per customer specification: mA, V, RS 232
Fuel cartridge:	Available in 12 pack boxes
Dimensions:	Standard 19" / 6HU rack mountable
Supply voltage:	110 / 240 VAC, 50/60 Hz
Approved:	CE
Certified:	IEC 17025



DISTRIBUTOR



MANUFACTURER



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