

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

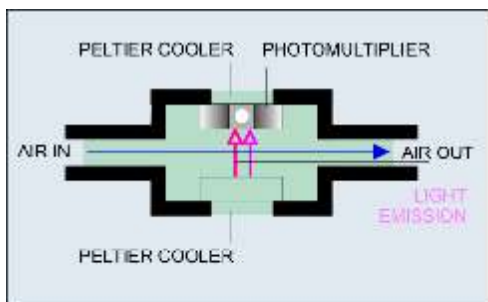


FIG. 1: PRINCIPLE OF OPERATION

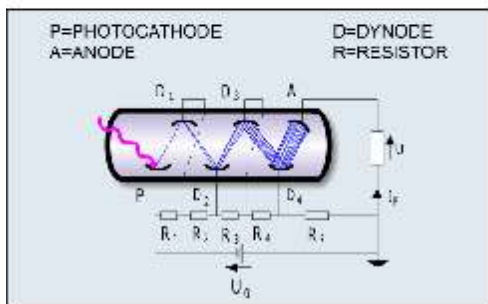


FIG. 2: PRINCIPLE OF PHOTOMULTIPLIER

INTERACTIVE GRAPHIC DISPLAY

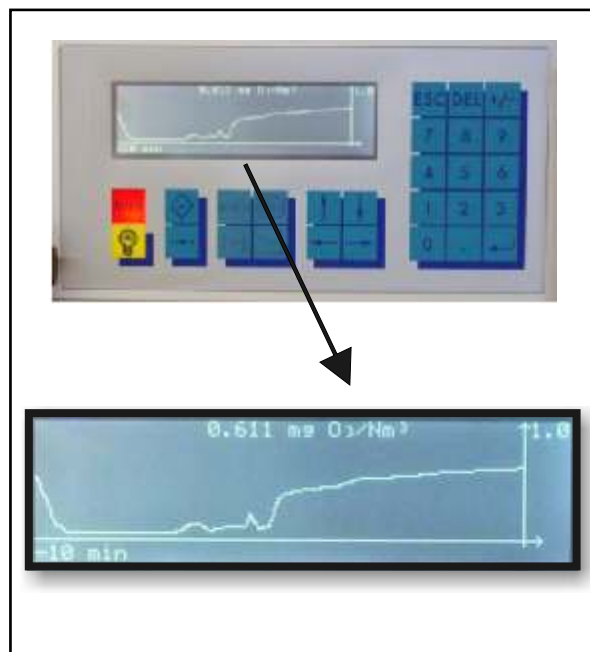


FIG. 3: EASY DATA ANALYSIS WITH WIDE GRAPHIC LCD DISPLAY

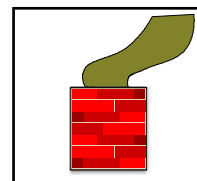
FEATURES

- + **cartridge with solid reagent colorant.** Nontoxic and noninflammable since **free of ethylene gas**
- + **minimal cross-sensitivity** to organics
- + **suitable for smallest concentrations**
- + **automatic high precision calibration** based on integrated reference ozone generator and ozone-free reference gas source
- + **automatic sample point selector MUS** available for several sample points

APPLICATIONS



- industrial hygiene
- safety of working environments



- emission measurement
- environment protection

SPECIFICATIONS

measuring principle:	chemiluminescence; solid fuel cartridge system, no ethylene
measuring range:	0.1 - 500 ppbv O ₃ 0.001 - 1.000 mg O ₃ /m ³ or according to customers' specifications
noise:	1 ppb
response time:	2.5 seconds
sensitivity:	0.1 ppb
zero drift:	autozero
span drift:	automatic calibration
output:	mA, V, RS 232 or according to customers' specifications
dimensions:	standard 19" / 6HU, rack mountable
supply voltage:	110 / 240 VAC, 50/60 Hz
approval:	CE
certificate:	IEC 17025

DISTRIBUTOR



MANUFACTURER



ANSEROS KLAUS NONNENMACHER GMBH
D-72070 TÜBINGEN, DISCHINGERWEG 11
PHONE+49.7071-7995-0 FAX +49.7071-7995-95
info@anseros.de
www.anseros.de

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