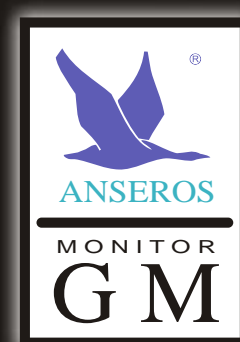


NDUV OZONE ANALYZER SERIES GM-pro



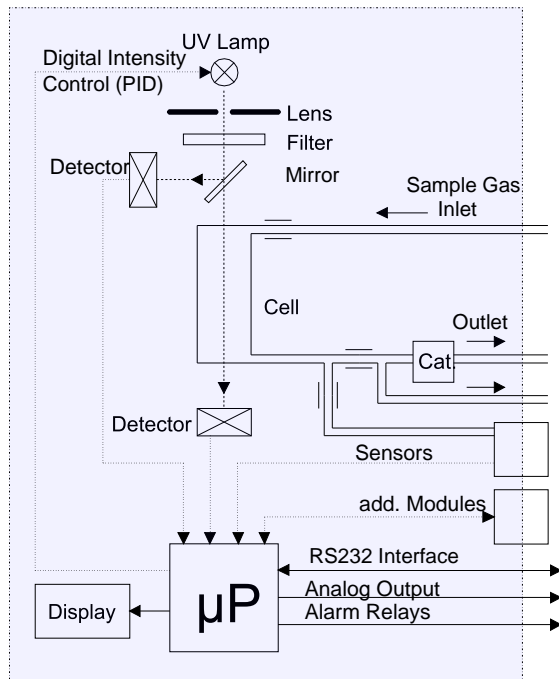
FEATURES

- Non-dispersive UV-absorption
- Measuring range up to 300 g O₃ /m³ (25% w/w)
- Fast and high accurate measurement (for energy-saving control of generator)
- Advanced microprocessor technology
- All parameters software programmable
- Graphical data and trend display
- Serial and analog output standard



MEASURING PRINCIPLE

GM-PRO



SPECIFIC FEATURES

Basic unit without any manual adjustment (potentiometer), as all necessary adjustments are done digitally

High accuracy due to latest technology (12/16bit A/D-converter, digital offset and autozero adjustment, calibrated pressure sensor)

Easy for maintenance

Easy to handle (menus with window technique)

External control of all function via RS232 interface possible (optional)

Integrated digital PID controller (e.g. for ozone generator; optional)

Attachment of customer specific modules possible (e.g. for calculation of generator performance)

SPECIFICATIONS

MEASURING PRINCIPLE	non-dispersive UV absorption (Lambert-Beer); admitted optical system
MEASURING RANGE (see also "Product Line GM")	up to 0-300g O ₃ /m ³ (25 % w / w)
MEASUREMENT UNITS (including temperature and pressure compensation)	g O ₃ /m ³ , g O ₃ /Nm ³ % by weight % by volume
REPEATABILITY	+/- 0.2% of scale end
ACCURACY	+/- 0.2% of scale end
ZERO DRIFT	automatic offset drift and zero drift
TEMPERATURE DRIFT	correction
SPAN DRIFT	automatic span drift correction (optional), pat.pend.
OUTPUTS	0-20mA, 4-20mA } full alternatively 0 -1V, 0-10V } programmable RS232 interface option: additional RS232 interface
BUILT IN ALARMS	4 threshold alarms } full 1 main alarm } programmable 1 alarm lamp, 1 flow control (optional), 1 audible alarm (option)
PROGRAMMABLE PARAMETERS	measurement unit - scaling factors adjustment conditions (e.g. due to changing of temperature) -alarm parameters - molecular weight of carrier gas - normalizing conditions - configuration of analog output - reference value for analog output - trend display (10min up to 24h) with graphical display
CONFIGURATION	NEMA12, IP54, Ip65 Wall mount, panel mount, rack mount (bench/portable)
POWER SUPPLY	100-120VAC / 220-240VAC, 50-60 Hz selectable
DISPLAY	Graphic LCD module with CFL-illumination, size: 126 x 37 mm (5" x 1,45") (text mode: 8 Lines, 40 Char./line graphic mode: 240 x 64 pixel)
KEYBOARD	foil keyboard, integrated in front panel
APPROVED	CE

Please call for custom specifications of systems.

DISTRIBUTOR



MANUFACTURER



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