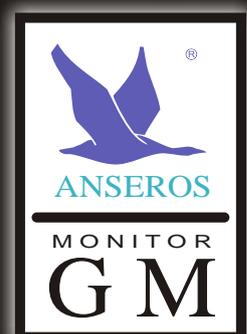


NDUV OZONE ANALYZER SERIES GM-pro



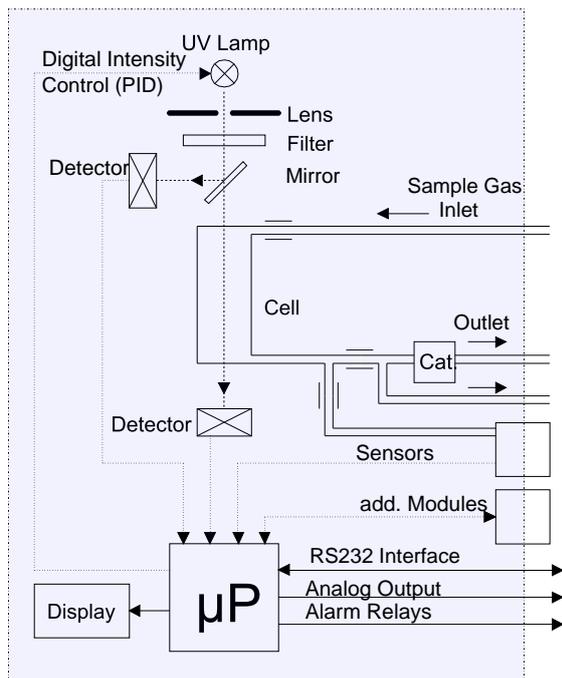
FEATURES

- Non-dispersive UV-absorption
- Measuring range up to $300 \text{ g O}_3 / \text{m}^3$ (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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