

UV MERCURY ANALYZER

SERIES HG-MP



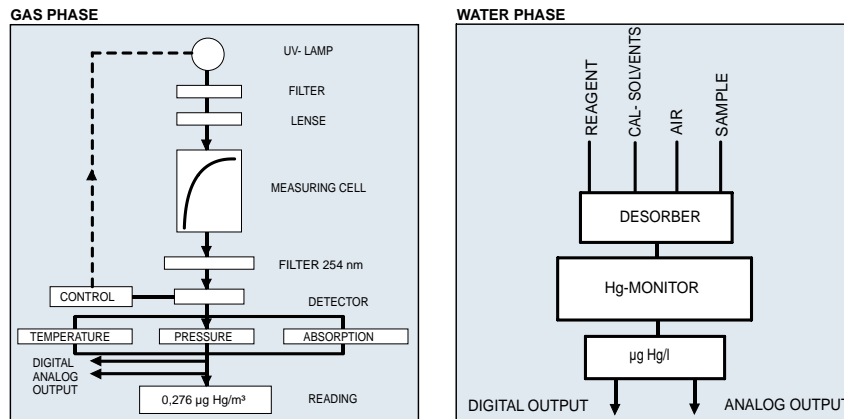
Highly sensitive, continuous process uv-mercury analyzer for measurement of mercury in gas and water

Hg MONITORING

Hg emission / immission monitoring
Hg monitoring ...
... in water / soil
... in natural gas
... in working areas (TLV)
... in chemical separation processes
... in physical adsorption processes
... in recycling processes
... in chemical electrolysis
... in medical / dental appliances
... using gas bag reservoirs



PRINCIPLE OF OPERATION



FEATURES

- + No calibration, no zero drift
- + Patented "ONE BEAM" technology
- + Fully digitally operated
- + No adjustments
- + Highest sensitivity
- + Ranges switchable
- + 19" mechanics
- + Temperature / pressure compensation
- + Auto zero drive
- + Selective filter
- + Mobile use
- + Analog / digital output
- + Software for data log
- + Software for bag monitoring
- + Integrated flowmeter with needle valve
- + Patent USA 5,334,536. DE 41 19 346

OPTIONS

Hg desorber WP for liquids
 HgX pipe cracker
 Au wool filter

Portable housing
 Multipoint selector MUS
 Gas bags

SPECIFICATIONS

Measuring principle:	Single beam photometer (Patent: DE 41 19 346, US 5,334,536)
Measuring range:	Gas: 0-1/10/100/1000 µg/Nm ³ Water: 0-10 µg Hg/l, 0-30 mg Hg/l
Sensitivity:	0.001 µg Hg/Nm ³
Zero drift:	Automatically digitally autozeroed
Linearity:	99,8%
Display:	1 x 20 character, alpha-numeric, LCD
Gas flow rate:	100 - 200 NI /h
Analog signal:	0/4 - 20 mA
Digital signal:	RS 232 (bidirectional)
Alarm signal:	4 x Potential free contact changeable
Diagnostic signal:	Internal diagnostic system with 6 error notifications & alarm
Dimensions:	Standard 19" / 3HU rack mountable
Sample ports:	1/4" Anseros Lok, compatible
Supply voltage:	110 / 240 VAC, 50/60 Hz
Approval:	CE

DISTRIBUTOR



MANUFACTURER



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