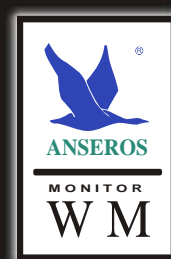
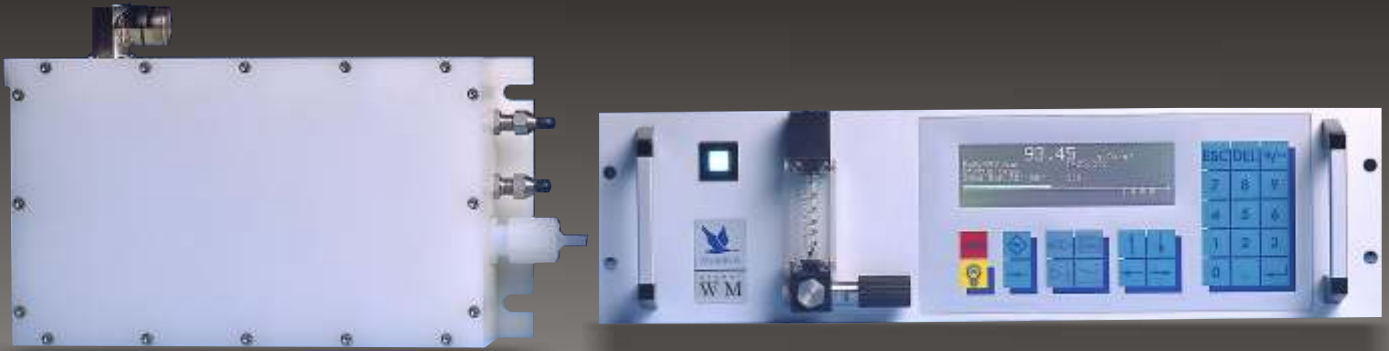


OZONE WATER ANALYZER SERIES Wm





ND-UV-PROCESS PHOTOMETER FOR CONTINUOUS MEASUREMENT OF OZONE IN DI-WATER AT HIGH CONCENTRATIONS

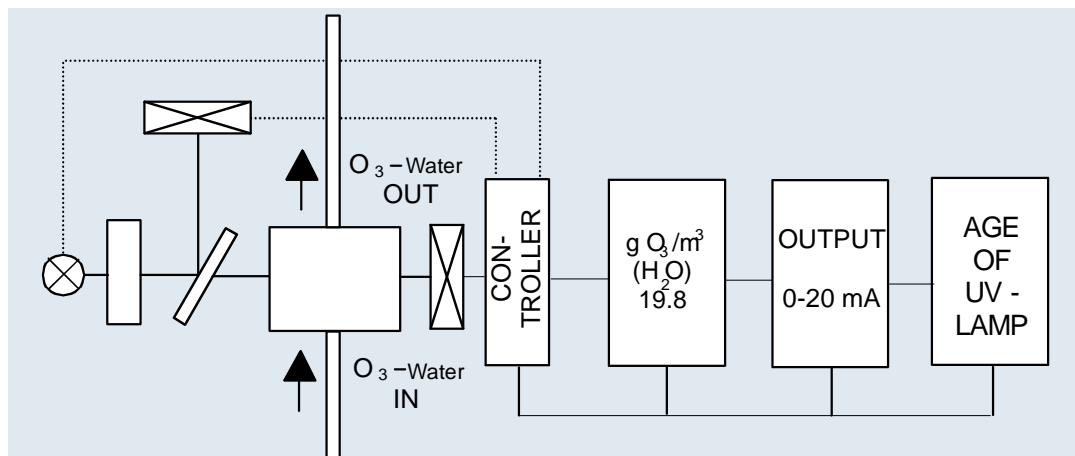
APPLICATION

- Measurement of dissolved ozone in aqueous solutions
- DI - and RO -Water systems as well as water purification systems
- Acid-containing (industrial) solutions (HF, H₂SO₄)
- Wet chemical processes in semiconductor processing

FEATURES

- Accurate ND-UV-measurement principle
- No disturbances of the measurements by presence of gas bubbles
- In-line measurement without consumption of water
- Completely metal-free design, thus no contamination of the DI-system by metal ions or metal particles

PRINCIPLE OF OPERATION



SPECIFICATIONS

WM-Cell (Splitbox)

Principle:
NDUV-photometry by splitting one beam
of low-pressure mercury vapor lamp

optics in quartz , optional sapphire
(e.g. for solutions containing HF)

PVDF - enclosure with rinsing port
Dimensions: : 170 x 140 x 80 mm

weight: 7,6 kg

Completely metal-free version;
Wetted materials:
PFA, quartz (or sapphire), viton

Range:
0.1- 10.00 g O₃ / m³ H₂O
optional 0.1 - 50.00 g O₃ / m³ H₂O
0.1- 100.0 (ppm w/w)

Repeatability: min. 1% of maxim. reading

Water Flow: 6.....1000 SLPH
Connectors in PFA, 1/2 "

Maximum pressure: 3bar (43.5psi) abs.

Leakage - detector (option)

Cable: double shielded

Compliance: CE

GM-PRO-Monitor

19 " slide-in unit, frequency - protected
Dimensions:
130x 435x 365 mm (HxWxD)

Display - Resolution: 0.01

Noise: 0.1 %

Included power supply: 230 V/ 60 Hz
optional: 115 V/ 50 Hz

performance output:
0/4 - 20 mA (100%)

weight: 8,5 kg

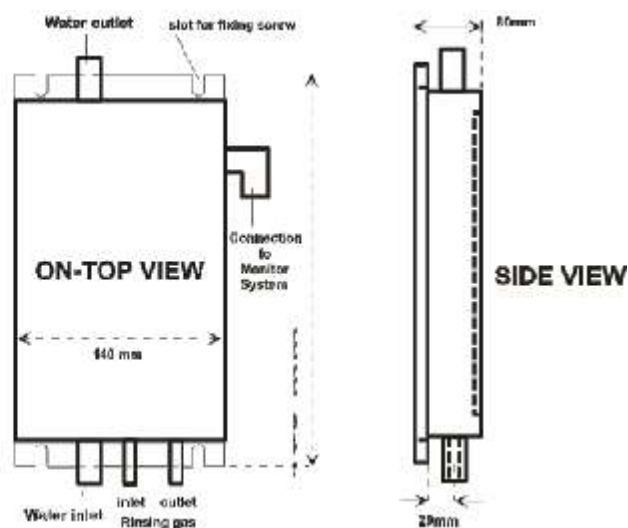
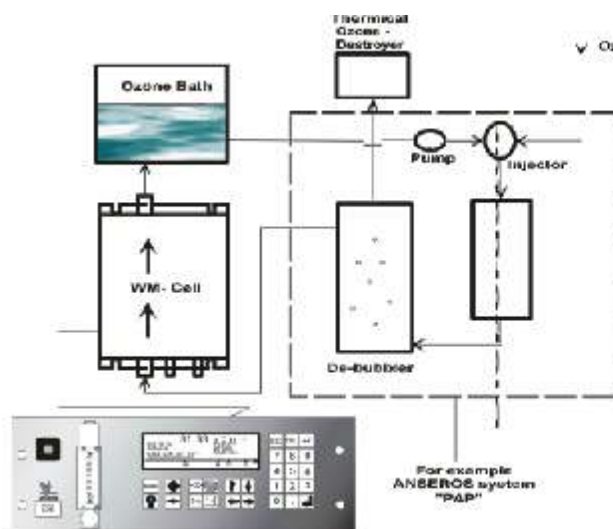
Options:
remote autozero-function

interface RS 232, bi-directional
optional : optical isolation

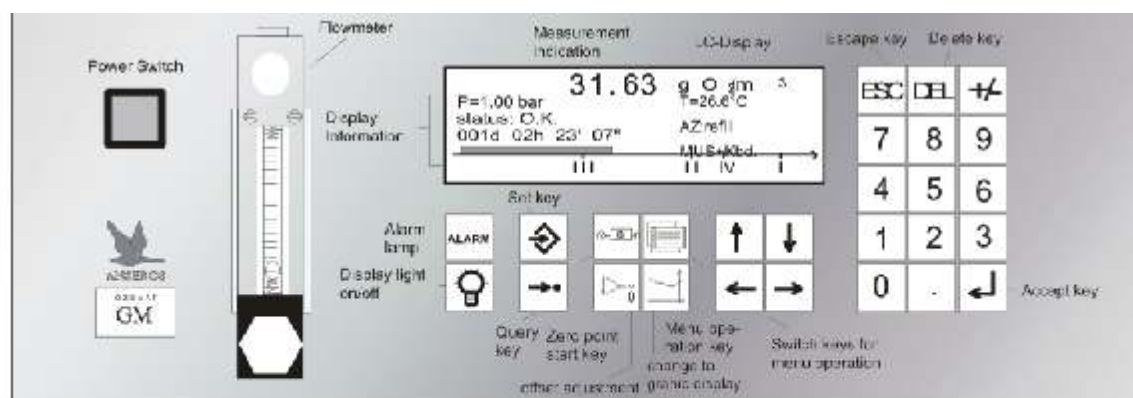
galvanically isolated analog output

TYPICAL (in-line) INSTALLATION

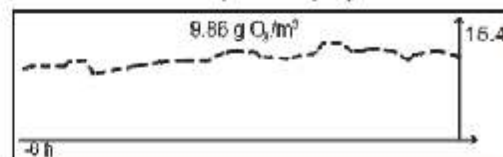
WM - CELL (PVDF- ENCLOSURE)



FUNCTIONAL ELEMENTS ON THE FRONT PANEL



Graphic Display



DISTRIBUTOR



MANUFACTURER



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