

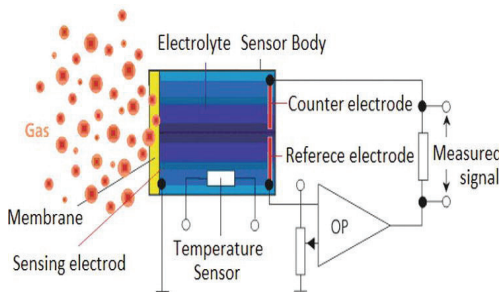
ECD Gas Analyzer

(Electrochemical)

MGL

MGL Series - ECD sensors are operated based on the diffusion of gas of interest into the sensor, which results in the production of an electrical signal that is proportional to the gas concentration.

Gas coming in contact with the sensor passes via a small capillary type opening and diffuses via a hydrophobic barrier to reach the electrode surface. A sufficient amount of gas is allowed to react at the sensing electrode to produce a sufficient electrical signal. The diffused gas in turn gets oxidized or reduced at the sensing electrode.



Features

- 19 inch 4U panel and wall mount panel
- Display: 800x480 (mm)
- Principle : ECD
- Repeatability : $\pm 2\%$ F.S
- Linearity : $\pm 2\%$ F.S
- Zero/Span drift : $\pm 1\%$ F.S
- RS485 Modbus RTU
- Analog Output : 4-20mA

Specification

- Accuracy : $\pm 1\%$ F.S
- Resolution : 0.01%
- Response Time : 2s
- Humidity : 0~40%
- Output : 4-20mA
- Power : 230VAC, 50/60Hz
- Communication : RS485 Modbus RTU

Application

- Garbage Power Plant
- Desulfurization
- Coke Oven
- Ceramic Factory
- Coal Fired Power Plant

