

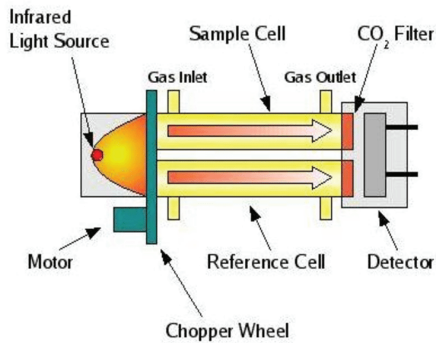
NDIR Gas Analyzer

(Nondispersive Infrared Detector)

MGL

MGL Series - NDIR is an infrared analyzer can be used for measurement of the concentration of gases in sample gases simultaneously. It is based on the single source two beams non dispersion infrared (NDIR) method been used for this analyzer by Micro-Flow NDIR technology.

NDIR Analyzer is designed with 4U rack mountable and wall mount smaller physical dimensions and the simple digital pulsable infrared source and two beam systems. The general application is emission flue gas, landfill, anaerobic digestion and other fermentation processes.



Features

- 19 inch 4U panel and wall mount panel
- Display: 800x480 (mm)
- Principle : NDIR
- Dual Range
- Repeatability : $\pm 2\%$ F.S
- Linearity : $\pm 2\%$ F.S
- Zero/Span drift : $\pm 1\%$ F.S
- H₂O in flue gas don't effect measurement of SO₂ and NO
- Sampling flow don't effect measurement of SO₂/NO/CO/CO₂
- CO and NO₂ don't effect measurement of SO₂ and NO
- RS485 Modbus RTU
- Analog Output : 4-20mA
- Parameters: SO₂, NO, NO₂, O₂, NH₃, CO, CO₂, O₃, H₂S, HCl

Specification

- Accuracy : $\pm 1\%$ F.S
- Resolution : 0.01%
- Response Time : 2s
- Warm up : 10 Min
- Output : 4-20mA
- Power : 230VAC, 50/60Hz

Application

- Glass Factory
- Cemet Plant
- Coke Oven
- Sinter
- Lime Factory

System Layout

