

NDIR CO₂ 측정기

대기 | 실내 | 작업환경

NDIR CO₂ Analyzer

환경부 형식승인 IAMS-2010-1호



Model : G150

용도

Applications

- 일반적인 Indoor Air Quality 관리
- 환경 평가
- 건물 공조 시스템(HVAC) 승인
- 누출 감시 및 제어

특징

Features

- 고정밀의 CO₂ 측정 실현
- Dual temperature probe 사용으로 시간 절약
- Data 저장 및 작동 편의성
- 가스 중 수분 제거 기능

SPECIFICATIONS

Gases Measured	CO ₂	By custom dual wavelength infra-red cell conference channel
	O ₂ (Optional)	By internal electrochemical sensor
Oxygen cell lifetime		Approximately 3 years in air
Range	CO ₂	0-10,000 ppm
	O ₂	0-100 %
Measurement Accuracy	CO ₂	Accuracy \pm (1.5 % of range +2% of reading) at reference conditions
		Temperature dependence 1.5 ppm/ $^{\circ}$ C(typical)
	O ₂	Pressure dependence \pm 2 ppm/hPa(typical)
		\pm 1.0 % Full Scale at constant temperature and pressure
		\pm 2.0 % Full Scale over operating temperature range

Response time T ⁹⁰	CO ₂	≤20 seconds
	O ₂	≤60 seconds
Temperature(Optional)		× 2 using optional probes 0 °C to 50 °C
Temperature accuracy, typical		±0.2 °C from 32 to 44 °C, ±0.5 °C over the rest range
Barometric pressure		800-1200 mbar
RH measurement(Optional)		RH Probe 0-100% RH non condensing
RH accuracy		± 1.5% RH across the range
Visual and audible alarm		User selectable CO ₂ , and O ₂ alarm levels
Communications		USB type B mini-connector, HID device class
Data Storage		1000 readings +270 event
Operating temperature range		5 °C - 40 °C
Relative humidity		0 – 95 % non condensing(RH Probe 0-100 % non condensing)
Barometric pressure		± 200 mbar from calibration pressure
Weight		0.5 kg
Size		165mm(L) x 100mm(W) x 55mm(D)

CONFIGURATIONS

CO ₂ , O ₂ (Optional), RH(Optional) Analyzer	1 ea
Internal Pump	1 ea
Battery Charger	1 ea
Sample Tube/Filters	1 ea
Operating Manual	1 ea

OPTIONAL ACCESSORIES

Relative Humidity probe for direct connection to G100	1 ea
Hard Carry Case	1 ea
Temperature probe (5mm tip)	1 ea
Temperature probe (100mm ss tip)	1 ea
Download and Basic Data Log Software supplied with USB lead	1 ea
Soda Lime kit for zeroing (Tubing plus 3 filters)	1 ea