

포켓형 실내 공기질 측정기 (Handheld Indoor Air Quality Monitor)

용도(Applications)

- 실내 및 작업 환경의 실내 공기질 측정
- 교실, 지하 상가, 박물관, 대합실 및 의료기관 등의 실내 공기 질 조사
- 온도, 습도, 기압, 습구 온도, 이슬점 측정
- CO, CO₂, O₂, HCHO, H₂S, NO, NO₂, SO₂ 중 3가지 선택측정

특징(Features)

- 가볍고 튼튼한 초소형 디자인
- 실시간 측정, 측정값 및 그래프 저장 기능
- 대용량 메모리로 장시간 측정값 저장 기능
- 컴퓨터 및 원격 프린터와 Bluetooth 통신 기능



Model : AQ PRO

SPECIFICATIONS

Parameter	Sensor	Range	Resolution	Accuracy
Relative Humidity	TFC	5 ~ 95% RH	0.1% RH	±2% RH
Ambient Temp.	Pt100	-40 ~ 125°C	0.1°C	± 0.4°C (0~60°C)
Barometric Pressure	Solid State	260 ~ 1,260 mbar	1 mbar	± 2 mbar
Differential Pressure	Bridge	±20.0 mbar (±8.0 inH ₂ O)	0.25 mbar (0.1 inH ₂ O)	±1% rdg.
Temperature Type K T1	Tc K	0 ~ 1,100°C	1°C	3°C or 2% of rdg.
Air Velocity	Calculated	0 ~ 300 ft/sec	1 ft/sec	
Electromagnetic Compatibility	EN 61326-1, Portable Equipment			

Selecting Up to 3 Gases	Sensor	Range	Resolution	Accuracy
*CO ₂ ¹	NDIR	0 ~ 5,000 ppm	1 ppm	±2% rdg. ±10 ppm
*CO ¹	Electrochemical	0 ~ 200 ppm	0.1 ppm	±1 ppm rdg. ±0.2 ppm
HCHO(CH ₂ O) ^{2,3}	Electrochemical	0 ~ 10 ppm (0 ~ 10,000 ppb)	1 ppb	2% ± 30 ppb
H ₂ S ¹	Electrochemical	0 ~ 100 ppm	1 ppm	±4% of rdg. ± 0.5% pm
*NO ₂ ¹	Electrochemical	0 ~ 20 ppm	0.1 ppm	±0.5 ppm of rdg.
O ₂	Electrochemical	0 ~ 25%	0.1%	±0.1% vol
*SO ₂ ¹	Electrochemical	0 ~ 20 ppm	0.1 ppm	±0.5 ppm of rdg.
*NO ¹	Electrochemical	0 ~ 250 ppm	0.1 ppm	±2 ppm of rdg.
Size / Weight	200 x 190 x 9 mm (H x W x D) / 3.6 kg			

1. Other Ranges are Available Upon Request
2. Accuracy Based on Laboratory Conditions
3. This sensor may have interference from H₂, CO, and other reducing gases such as alcohols