

VOC, HCHO, CO 측정기

(Portable Handheld VOC, HCHO, CO Monitor)

용도(Applications)

- 실내 및 작업 환경의 휘발성 유기화합물 농도 측정
- VOC 및 온도, 습도, 기압 측정
- CO₂, CO, HCHO, H₂S, NO, NO₂, O₂, SO₂ 중 2가지 추가 측정

특징(Features)

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



Model : AQ VOC

SPECIFICATIONS

Parameter	Sensor	Range	Resolution	Accuracy
Low Range VOC	PID	0 ~ 20 ppm (0 ~ 46 µg/m ³³)	1 ppb (2.3 µg/m ³)	10 % rdg.± 20 ppb
High Range VOC	PID	0 ~ 200 ppm (0 ~ 460 mg/m ³)	1 ppm (2.3 mg/m ³)	10 % rdg.± 50 ppb
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 mbar (±8.0 in H ₂ O)	0.25 mbar (0.1 in H ₂ O)	±1% rdg.
Air Velocity	Calculated	0 ~ 300 ft/sec	1 ft/sec	
Electromagnetic Compatibility	EN 61326-1, Portable Equipment			

Optional Gas Sensor Upgrades (Choose UP To ANY 2)

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	1 ppb	2% ± 30 ppb
H ₂ S ¹	Electrochemical	0 ~ 100 ppm	1 ppm	± 4% of rdg. ± 0.5 ppm
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	Electrochemical	0 ~ 250 ppm	0.1 ppm	± 2 ppm of rdg.

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