

VOC 측정기

(Portable Handheld VOC 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