HCHO 측정기
(Handheld HCHO Monitor)

용 도(Applications)

- 실내 및 작업 환경의 포름알데히드 측정
- 교실, 지하 상가, 박물관, 대합실 및 의료기관 등의 실내 공기 질 조사
- 온도, 습도, 기압, 습구 온도, 이슬점 측정
- CO2, CO, O_2, H_2S, NO, NO_2, SO_2 중 2가지 센서 추가 가능
- 3가지 항목 측정시 CO2센서(NDIR)는 기본 포함

특 징(Features)

- 가볍고 튼튼한 초소형 디자인
- 실시간 측정, 측정값 및 그래프 저장 기능
- 대용량 메모리로 장시간 측정값 저장 기능
- 측정용 연장 프로브와 무선프린터 선택 가능

Model : SI-AQ PRO

SPECIFICATIONS

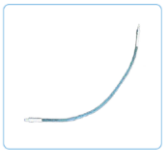
Parameter	Sensor	Range	Resolution	Accuracy
HCHO(CH_2O)	Electrochemical	0 ~ 10 ppm (0 - 10,000 ppb)	1 ppb	±5 % rdg ±50 ppb
Relative Humidity	Capacitive	5 ~ 95%	0.1%	±2% RH
Ambient Temp.	Pt100	-40 ~ 125°C	0.1°C	± 0.4°C (0~60°C)
Barometric Pressure	Piezoresistive	260 ~ 1,260 mbar	1 mbar	± 2 mbar
Differential Pressure*	Piezoresistive	-100 mbar to 100 mbar (-40 inH2O to 40 inH2O)	0.1 mbar (0.1 inH2O)	±1% rdg
Temperature Type K T1	Tc K	0 ~ 1,100°C	1°C	3°C or 2% rdg
Air Velocity	Calculated	0 - 91 m/s (0 ~ 300 ft/sec)	1 m/s (1 ft/sec)	
Electomagnetic Compatibility		EN 61326-1, Portable Equipment		
	Sensor	**Range**	**Resolution**	**Accuracy**
CO_2	NDIR[1]	0 ~ 5,000 ppm	1 ppm	±2% rdg ±10 ppm
CO	Electrochemical[1]	0 ~ 200 ppm	0.1 ppm	±4 % rdg ±0.5 ppm
H_2S	Electrochemical[1]	0 ~ 100 ppm	1 ppm	±4 % rdg ±0.5 ppm
NO_2	Electrochemical[1]	0 ~ 20 ppm	0.1 ppm	±4 % rdg ±0.5 ppm
O_2	Electrochemical	0 ~ 25%	0.1%	±0.1% vol rdg
SO_2	Electrochemical[1]	0 ~ 20 ppm	0.1 ppm	±4 % rdg ±0.5 ppm
NO	Electrochemical[1]	0 ~ 250 ppm	0.1 ppm	±4 % rdg ±0.5 ppm
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 H_2 , CO, H_2S and other reducing gases such as alcohols
*** Requires connection accessories, flexible tubes and connections available as option in the Si-AQ Kit Press. Diff.**

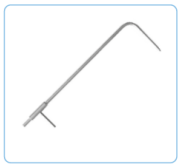
*** Accessories**

Bluetooth® Printer
(Si-AQ Bluetooth® Printer)

Sampling Probe
(Si-AQ Probe with Hose)



Moisture Exchange
Tube for Calibration
(Si-AQ Moisture Exchange)



Pitot Tube for Air Velocity
(Si-AQ Pitot Tube)