N2O 가스 측정기
(N2O Gas Analyzer)

용 도(Applications)

• 병원 및 작업환경 중의 N2O, O2 가스 측정

특 징(Features)

• 0~100% N2O, 0~100% O2, 0~2,000ppm CO2
  0~500ppm CO (옵션) 측정
• Site 와 ID 저장 가능
• 경보기능 사용

Model : G210

SPECIFICATIONS

Gases Measured	N2O	By custom dual wavelength infra-red cell with reference channel
	CO2	By custom dual wavelength infra-red cell
	O2 (Optional)	By internal electrochemical cell
	CO (Optional)	By internal electrochemical cell
Oxygen cell lifetime	Approximately 3 years in air	
CO cell lifetime	Approximately 2 years in air	
Range	N2O	0 ~ 100%
	CO2	0 ~ 2,000ppm
	O2	0 ~ 100%
	CO	0 ~ 500ppm
Measurement Accuracy	N2O	± 1% of range after calibration
	CO2	± 3% of range after calibration
	O2	± 0.5% of range after calibration
	CO	± 2ppm for 0-20ppm after calibration ± 5% of range from 21 - 500ppm after calibration
Response time, T^{90}	N2O	≤ 20 seconds
	CO2	≤ 20 seconds
	O2	≤ 60 seconds
	CO	≤ 60 seconds
Visual and audible alarm	User selectable N2O, CO, CO2 and O2 alarm levels	
Communications	USB type B mini-connector, HID device class	
Data Storage	1000 reading sets + 270 events 50 site ID's and 300 sample point ID's	

Operating temperature	0°C to +50°C
Barometric pressure	500 to 1500mb
Relative humidity	5% to 95% non condensing
IP rating	IP40
Flow	100cc/ min typically
Battery type	Li Ion
Battery life	12 hours (10 hours with pump)
Battery lifetime	600 cycles
Battery charger	5v DC external power supply and internal charging circuit
Charge time	4 hours
Alternative power	5Vdc power supply
Weight	500 g
Size	165 x 100 x 55 mm (L x W x D)
Case material	ABS/ Polypropylene with Silicone Rubber Inserts
Keys	17 Resin capped Silicone rubber keys
Display	Liquid crystal display, 128 x 64 pixel With RGB LED back-light
Gas Sample Filters	User replaceable PTFE water trap filter

CONFIGURATIONS

N2O(100%), O2(100%), CO2(0~2,000ppm) Analyzer	1 ea
Battery Charger	1 ea
Operating Manual	1 ea
Hard Carry Case	1 ea

OPTIONAL ACCESSORIES

Download and Basic Data Log Software supplied with USB lead	1 ea
Regulator kit to reduce pressure from up to 150psi to approximately 2psi	1 ea
Soda Lime kit for zeroing (Tubing plus 3 filters)	