

# N2O 가스 측정기 (N2O Gas Analyzer)



**Model : G200**

## 용 도(Applications)

- 병원 및 작업환경 중의 N2O 가스 측정
- N2O 가스 제조 및 저감시설의 가스 측정
- 온실가스인 N2O 연구에 활용

## 특 징(Features)

- 0~1,000 ppm단위의 고정밀 측정 가능
- 1,000개의 데이터 저장 가능
- TWA 산출
- 누출탐지 가능
- 자료의 다운로드 가능

## SPECIFICATIONS

Gases Measured	By custom dual wavelength infra-red cell with reference channel
Range	0 ~ 1,000ppm 0 ~ 10,000ppm (leak detection mode, indication only)
Measurement Accuracy	Resolution : 1ppm ± 5ppm for 0~100ppm after calibration ± 1.5% of range for 101ppm and above, after calibration
Response time, T90	≤ 40 seconds
Operating temperature	0°C ~ 50°C
Barometric pressure	500 ~ 1,500mb
Relative humidity	5% ~ 95% non condensing
IP rating	IP40
Flow	100cc/min typically
Visual and audible alarm	User selectable N2O and TWA alarms
Communications	USB type B mini-connector, HID device class
Data Storage	1,000 reading sets + 270 events 50 site ID's and 300 sample point ID's

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	L 165mm, W 100mm, D 55mm
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 filte, G1.10 - Soda lime CO2 filte

## CONFIGURATIONS

N2O(0-1,000ppm) Analyzer	1 ea
Internal Pump	1 ea
Battery Charger	1 ea
Sample Tube/Filters	1 ea
Soda Lime CO2 removal kit	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
Soft Carrying Case	1 ea

## SPARES

Filters (Pack of 5 PTFE)	1 ea
Sample Tube Kit	1 ea
Soda Lime kit for zeroing (Tubing plus 3 filters)	1 ea
Mains Charger	1 ea
USB Lead	1 ea