휴대용 가스누출 탐지기
(Portable Gas Leak Detector

Model : METREX

용 도(Applications)

- 도시가스 및 천연가스의 누출탐지
- 건물 내외부의 누출 탐지
- 맨홀, 밀폐공간 등의 가스 누출 탐지

특 징(Features)

- 첨단 반도체센서로 정확한 측정
- 0~10,000ppm, LEL, 0~100% 측정 모드
- 20℃에서 10시간 이상 연속 사용 가능

모델 구분(Instrument Options)

Model Name	Gases	PPM Range	LEL Range	VOL Range	Accuracy
Metrex4001	CH4–Methane	0 -10,000PPM	0 –100% LEL	0 –100% v/v	+/-10% relative to reading
Metrex4002	C3H8-Propane	0 -10,000PPM	0 –100% LEL	0 –100% v/v	+/-10% relative to reading
Metrex4003	CH4 -Methane C3H8–Propane	0 -10,000PPM	0 –100% LEL	0 –100% v/v	+/-10% relative to reading

사 양(Specifications)

POWER SUPPLY			
Battery type	Li ion rechargeable, 3.7V-4000 mA/H	Battery charger	100-240V ATEX
Battery life	10 hours at 20°C/68°F (with back light on)	Charge Time	4.5 hours from complete discharge
PUMP			
Flow	0.8l/min / 800cc/min	Pump Type	Diaphragm Pump
FACILITIES			
Alarms	Audio and Visual	Alarm Warnings	Gas threshold and pump stopped
Communications	Bluetooth with optional ATEX USB with Communication Charger	External probe options	Various optional probes
Response Time	Gas detection in 5 seconds T90 = <15 seconds @100%Vol (CH4/ C3H8)		

ENVIRONMENTAL CONDITIONS

Operating Temperature	-30°C to +50°C
Storage Temperature	-40°C to +60°C
Operating / Storage humidity	<95% relative humidity non condensing
Protection Class	IP65
Operational Pressure	800 mbar to 1,100mbar / 23.62"Hg to 32.48"Hg

PHYSICAL

Weight	1.3kg/ 2.9lbs (in operation)
Size(L x W x H)	230 x 97.5 x 110 mm
Case material	Carbon reinforced polyamide with fiberglass
Keys	"Tactile" soft membrane push buttons
Display	Liquid Crystal Display
Display(L x H)	86 x 47 mm / 3.39" x 1.85"
Sample Filters	25mm PTFE 0.45um dust and water filter
Connections	Push lock quick connect tube coupler

CERTIFICATION RATING

ATEX	II 2G Ex dbibIIB T4 Gb
Gas calibration test	Certified cylinder with H-100157 Quick test kit
Calibration	12 months by QED or authorised QED service and repair center complying with ISO standards

구성(Configurations)

1. METREX Gas Leak Detector	1 ea
2. Battery charger	1 ea
3. Probe Kit	1 ea
4. Filter Kit	1 ea
5. PROSoft Basic	1 ea
6. Carry case & strap	1 ea
7. Manual (영문, 한글)	1 ea