

PID VOC 측정기 (PID VOC Monitor)



Model : PHOCHECK Tiger

용 도(Applications)

- 실내 및 작업 환경의 휘발성 유기 화합물 농도 측정
- 토양 및 매립지의 VOCs 측정
- 석유, 화학제품 생산공정 VOCs 누출 측정

특 징(Features)

- 고감도 PID 센서 적용 (저농도 검출 가능)
- 20,000ppm의 고농도 측정 가능
- 샘플가스에 대하여 2초의 짧은 응답 시간
- Lamp교체 용이 (사용자 가능)
- 데이터 저장 선택 가능
- 30시간 이상의 운영 시간 확보 (1회 충전)
- 기기 보호용 고무 보호대 적용
- 95dBA의 알람기능 보유

SPECIFICATIONS

Minimum Resolution	0.1 ppm or 1 ppb
Maximum Reading	20,000 ppm or 20,000 mg/m3
Accuracy	± 5% display reading ± one digit
Linearity	± 5% to 100 ppm
Battery Life	Li-ion : life up to 30 hours, charge time 6.5 hours Alkaline : 3 x AA, typically 15 hours life
Lamps	10.6 eV Krypton PID lamp (standard) 9.8eV and 11.7eV lamps available
Data Logging	> 120,000 data log points including date and time stamp (33 hours at 1 log per second)
Communication	USB 1.1
Calibration	Via calibration kit accessory
Flow Rate	220 mL/min with flow fail alarm

Alarm	Flashing LED and 95 dBA at 300mm (12") audible sounder Selectable vibrating alarm
	Pre-programmed TWA and STEL Pre-programmed with 450 gases
Temperature	Operating : -20 to 60 °C (non Intrinsically Safe) Humidity : 0-99% RH (non condensing)
Protection	Designed to IP65 (heavy rain)
Dimensions (W × H × D)	Instrument without probe : 340 × 90 × 60 mm Standard case : 420 x 320 x 97 mm
Weight (Instrument)	0.72 kg
Intrinsically Safe Approvals	ATEX II 2G Ex ib IIC T4 (- 15 °C ≤Ta ≤+60 °C) IECEX and CUL

CONFIGURATIONS

PhoCheck Tiger Instrument	1 ea
Rechargeable Battery (Li-ion)	1 ea
Battery Charger and Mains Adaptor	1 ea
Rubber Boot	1 ea
Explorer Case	1 ea
USB Memory Stick with software	1 ea
Carbon Zero Filter Assembly and Adaptor	1 ea
PTFE Filter Disc	1 ea
Removal tool MiniPID stack	1 ea
Probe Tube (60mm)	1 ea
PID Lamp Cleaning Kit	1 ea
Lanyard	1 ea
USB Cable	1 ea
Instrument Manual	1 ea

OPTIONAL ACCESSORIES

ppb Mode	1 ea
Health & Safety Mode	1 ea
Full Data Logging	1 ea
Benzene Tubes, Filter Holder & 9.8ev Lamp	1 set