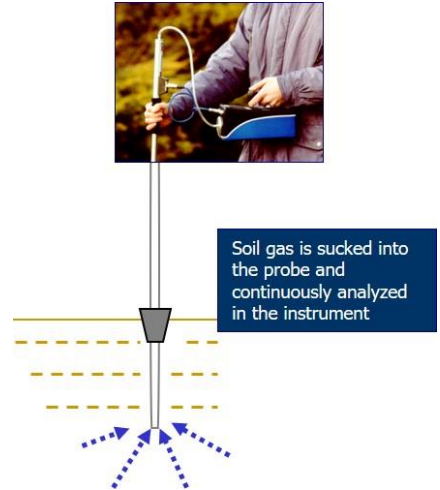
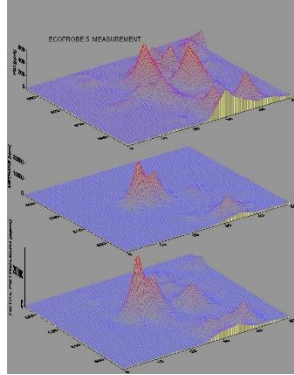


토양오염도 측정기 (Soil Contamination Monitor)



Model : ECOPROBE 5



용 도(Applications)

- 토양 오염도 측정
- 송유관 및 유류 저장 탱크의 누유 측정
- 토양 오염 복원 시설의 성능 검증
- 매립지 발생 가스 측정

특 징(Features)

- VOC, TPH, CH₄, CO₂, O₂, 대기압, 온도 기본 측정 및 H₂S와 N₂O 추가 선택 가능
- GPS를 사용하여 측정 위치 자동 입력 및 오염 분포도 지원
- VOC-0.1ppb, Petroleum Hydrocarbon-30ppm의 저 농도 측정 가능
- 충전용 Battery로 현장에서 쉽게 사용 가능

사 양(Specifications)

PID

(Photo-ionization analyzer) measures total level of volatile organic compounds (VOCs) and other toxic gases including chlorinated hydrocarbons to sub-ppb levels with the following characteristics:

Detection limit	: 2 ranges- 0.1 ppm/1 ppb
Zero Stability	: 0.5 ppb (using automatic zeroing procedure)
PID Lamp	: Interchangeable Ion Lamps 9.6/10.6/10.2/11.7 eV (lamps optional)
Response Time	: 0.08 sec; Sampling rate: 10 samples/sec.
Measuring Range	: Large dynamic range (0.1 ppb to 4000 ppm), fast response
Ion lamp	: 10.6/10.2 eV (other energy levels are optional)
Measuring Unit	: ppm or mg/m ³ (ppb or mg/m ³) output

IR

(Infra-red analyzer) comprises 7 independent channels for selective analyses of Methane, Petroleum Hydrocarbons, CO₂, N₂O, H₂S, reference channel with ppm resolution and the following characteristics:

Methane	: 0 -500,000 ppm, detection limit 200 ppm
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IR

Petroleum Hydrocarbons : 0-500,000 ppm, detection limit 200 ppm

Carbon Dioxide : 0-500,000 ppm, detection limit 50ppm

H2S : 0-2,000 ppm

N2O : 0-20,000 ppm, detection limit 50ppm

Response time : 0.5 sec; Sampling rate: 10 samples/sec

Measuring Unit : ppm or mg/m³ output

Other readings

Oxygen : 0-100 %

Soil temperature : deg. F,C; (+/- 0.1C, resolution 0.01C)

Sampled gas temperature : deg. F, C

Ambient pressure / sampling vacuum (mbar, Torr, psi, kPa), accuracy 0.1%, resolution 0.01%

구 성(Configurations)

ECOPROBE 5 PID + 4 Channel IR, O2, T, P Com. Software ECOPROBE-View Lite included 1 set

Ecoprobe 5 Calibration Kit Single Gas 1 ea

Sampling Probe with Thermometer 1 ea

Connecting Cable Sampling Probe to ECOPROBE 1 ea

Sampling Probe Standard 1 ea

Sampling Probe Case 1 ea

ECOPROBE 5 Storm Case 1 ea

Optional Accessories

RS DYANAMICS GPS Smart Antenna 1 ea

Hw & Sw Upgrade enabling GPS handing 1 ea

ppb PID sensitivity upgrade 1 ea

ECOPROBE-VIEW Plus(Advanced calibration)software 1 ea

Dust Filters (100/pk) 1 pk

H2S Channel 1 ea

N2O Channel 1 ea