

Model GW-3

내 손안의 safety

이제 단 **45g** 무게의
wearable device
로 진화하다



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바로 직접 착용을 위한 작고 휴대가능한 디자인

- 단 45g 무게의 작고 휴대가능한 디자인으로 작업자의 팔목이나 팔, 그리고 기타 어느 곳이나 착용이 가능(예를 들어 안전모 밴드에도 착용이 가능함)
- 부저음이나 램프 깜빡거림뿐만 아니라 진동으로도 알람 경고가 가능함. 소음이 심한 환경일지라도 측정기를 팔목이나 팔에 착용할 경우 위험발생시에 즉각적인 진동을 통해 경고가 가능함.



팔목 부착 (팔목시계 형)



팔 부착 (밴드 형)



안전모밴드 고정
*벨트클립 부착

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진보된 기능으로 지속성이 강화된 새로운 Rsensor 내장

- 센서의 우수한 지속성과 성능은 3년간 보장 (단, GW-3(O2)의 경우 1년간 보장함).
- 폭 넓은 사용가능온도 (-20 °C to +60 °C).
- 수소 간섭현상을 완전히 제거한 CO센서의 추가 모델을 제공(GW-3(C-). 수소가 간섭할 수 있는 제철소와 같은 환경에서 사용하기에 적합한 모델임.
- 시계타입으로는 최초로 O2와 CO를 동시측정이 가능한 모델 GW-3(CX) 출시.

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어느 장소, 환경에서도 사용가능한 SAFE DESIGN

- 방수/방진 등급: IP66/68 (2 m, 1 h).
- 본질안전 방폭인증: Ex ia IIC T4
- 한국산업안전보건공단(KOSHA) 인증번호: 20-AV4BO-0766.

O₂ | **Model GW-3 (OX)**
측정가능가스: 산소 (전기화학식)

O₂(G) | **Model GW-3 (O2)**
측정가능가스: 산소 (갈바닉 셀 타입)

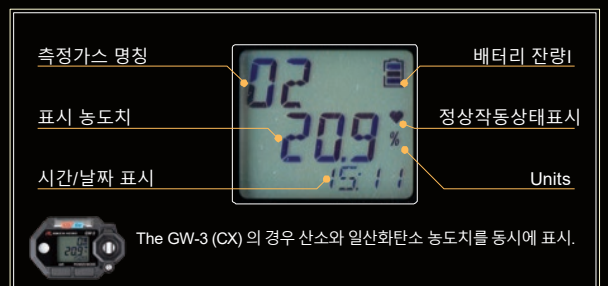
H₂S | **Model GW-3 (HS)**
측정가능가스: 황화수소

CO | **Model GW-3 (CO)**
측정가능가스: 일산화탄소

CO(-H₂) | **Model GW-3 (C-)**
측정가능가스: 일산화탄소 (수소 간섭현상을 제거한 CO센서 내장)

CO / O₂ | **Model GW-3 (CX)**
측정가능가스: 산소와 일산화탄소 동시측정

디스플레이 세부설명





Common specifications

Sampling method	Diffusion type
Alarm	Gas alarms: Three-step alarms, STEL alarm, TWA alarm, OVER alarm Fault alarms: Sensor connection/disconnection, low battery level, calibration failure, clock abnormality, system abnormality
Alarm reset type	Self-latching or auto-reset (*1)
Alarm action	Flashing lamp, intermittent audible buzzer, flashing gas concentration readout, vibration
Buzzer volume	80 dB or louder (at 30 cm)
Power source*2	CR2450 coin-type lithium battery
Explosion-proof construction	Intrinsically safe explosion-proof construction ATEX: II1G Ex ia IIC T4 Ga, IECEx: Ex ia IIC T4 Ga, INMETRO: Ex ia IIC T4 Ga, KOREA Ex: Ex ia IIC T4
Certifications	ATEX, IECEx, INMETRO, KOSHA Ex, CE Marking
Protection level	Equivalent to IP66/68 (2 m, 1 h)
External dimensions/weight	Approx. 63 mm (W) × 42 mm (H) × 22 mm (D) (excluding projections)/approx. 45 g
Functions	Data logger, vibration, STEL alarm, TWA alarm, quick calibration, peak value display, temperature display

Individual model specifications

Model	GW-3 (O2)	GW-3 (OX)	GW-3 (HS)	GW-3 (CO)	GW-3 (C-)	GW-3 (CX)	
Detection target gas	Oxygen	Oxygen	Hydrogen sulfide	Carbon monoxide	Carbon monoxide (Reduced hydrogen interference)	Carbon monoxide	Oxygen
Detection principle	Galvanic cell type	Electrochemical type					
Detection range (Indication range)	0.0 to 25.0 % (0.0 to 40.0 %)	0.0 to 25.0 % (0.0 to 40.0 %)	0.0 to 100.0 ppm (0.0 to 200.0 ppm)	0 to 500 ppm (0 to 2000 ppm)	0 to 500 ppm (0 to 2000 ppm)	0 to 500 ppm (0 to 2000 ppm)	0.0 to 25.0 % (0.0 to 40.0 %)
Resolution	0.1 %	0.1 %	0.1 ppm (0.0 to 300 ppm) 10 ppm (300 to 2000 ppm)	1 ppm (0 to 300 ppm) 10 ppm (300 to 2000 ppm)	1 ppm (0 to 300 ppm) 10 ppm (300 to 2000 ppm)	1 ppm (0 to 300 ppm) 10 ppm (300 to 2000 ppm)	0.1 %
Alarm setpoints	L 18.0 % LL 18.0 % H 25.0 %	L 18.0 % LL 18.0 % H 25.0 %	1st 5.0 ppm 2nd 30.0 ppm 3rd 100.0 ppm TWA 1 ppm STEL 5 ppm	1st 25 ppm 2nd 50 ppm 3rd 1200 ppm TWA 25 ppm STEL 200 ppm	1st 25 ppm 2nd 50 ppm 3rd 1200 ppm TWA 25 ppm STEL 200 ppm	1st 25 ppm 2nd 50 ppm 3rd 1200 ppm TWA 25 ppm STEL 200 ppm	L 18.0 % LL 18.0 % H 25.0 %
response time T90*3	within 20 seconds (Typical: 9 seconds)	within 30 seconds (Typical: 8 seconds)	within 30 seconds (Typical: 18 seconds)	within 30 seconds (Typical: 6 seconds)	within 30 seconds (Typical: 17 seconds)	within 30 seconds (Typical: 7 seconds)	within 30 seconds (Typical: 15 seconds)
Operating temperature range	-20 °C to +50 °C (no sudden changes)	-20 °C to +60 °C (no sudden changes)*4					
Operating humidity range	10 to 90 % RH (no condensation)	0 to 95 % RH (no condensation)*5					
Continuous operating time	Approx. 4,000 hours	Approx. 2,000 hours	Approx. 4,000 hours	Approx. 4,000 hours	Approx. 2,500 hours	Approx. 2,000 hours	

Accessories

- ◆ CR2450 coin type lithium ion battery (×1)
- ◆ Alligator clip (×1)

Optional accessories

- ◆ Wristwatch belt
- ◆ Belt clip
- ◆ Alligator clip
- ◆ Heat-resistant case*6
- ◆ Dust filter
- ◆ Filters
- ◆ Calibration cap
- ◆ Leather case
- ◆ Arm band
- ◆ Data logger management program

Names of parts



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