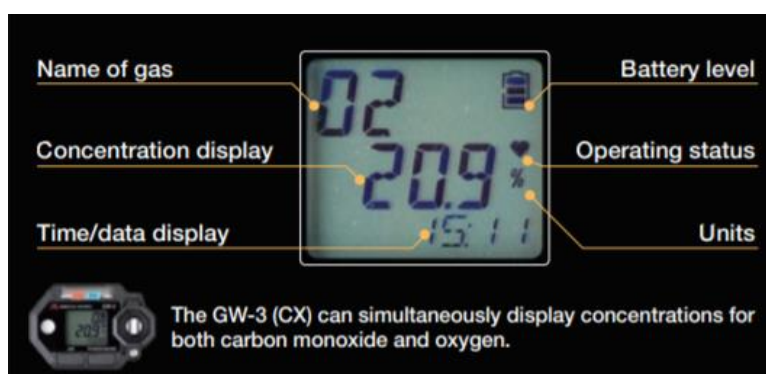


Détecteur de gaz portable GW3 mono gaz séries

Détection spécifique des gaz
En milieu ambiant



- Parmi les plus petits et les plus légers du monde
- Niveau de protection : Équivalent à IP66/68 (2 m, 1 h) ; conçu pour résister à la poussière et à l'eau pour une utilisation condensée en extérieur.
- La durabilité et les performances supérieures de la sonde sont garanties par une garantie de trois ans (un an pour la sonde GW-3 (O₂)).
- En plus des buzzers et des lampes, les alarmes sont signalées par des vibrations. Portez l'appareil au poignet ou au bras pour être immédiatement alerté par des vibrations en cas de danger, même dans des environnements bruyants.

Fiche technique Détecteur

| 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 30.0 ppm) 1.0 ppm (30.0 to 200.0 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 | |

Spécifications techniques :

| | |
|------------------------------|--|
| 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/Japan Ex: Ex ia IIC T4 Ga |
| Certifications | ATEX, IECEX, INMETRO, Japan Ex, CE Marking |
| Protection level | Equivalent to IP66/68 (2 m, 1 h) |
| External dimensions/weight | Approx. 63 mm (W) x 42 mm (H) x 22 mm (D) (excluding projections)/approx. 45 g |
| Functions | Data logger, vibration, STEL alarm, TWA alarm, quick calibration, peak value display, temperature display |

*Les tableaux sont traductibles sur demande spécifique.