

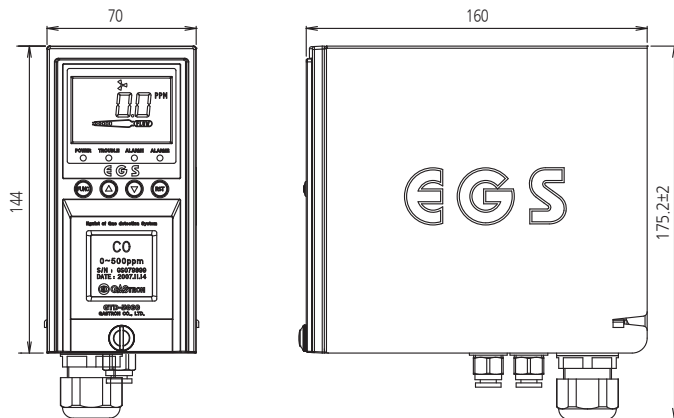
GTD-5000 Sampling Oxygen & Toxic Gas Detector

| Fast response of toxic gases & Oxygen leakage with a high efficient pump inside | Self diagnosis function with built-in Microprocessor | Easy replacement with a cartridge type sensor | Digital flow sensor to maintain regular flow rate | Stable quality and proved detection principle for service life | Superior performance for detecting toxic gases below TLV | Fine LCD display for showing various information | 4-digit digital gas concentration display | 4-20mA (Current source or Sink) output signal | Easy configuration of monitoring system by RS-485 Modbus communication or PoE | 2-stage alarm, 1-trouble display and relay contact output | 3-Wire Type | Calibration and maintenance by one-man |

IMAGE



DIMENSION (Unit : mm)



ACCESSORIES



Micro Filter



Mounting Bracket



PY-1000



Sensor Cartridge

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

| INTELLIGENT & SAMPLING TYPE OXYGEN & TOXIC GAS DETECTOR | | |
|---|--|--|
| Model | GTD-5000 | |
| Measuring gas | O ₂ | Toxic gases(CO, Cl ₂ , NH ₃ & etc) |
| Measuring type | Auto Sampling type | |
| Measuring method | Galvanic cell or Electrochemical cell | Electrochemical cell |
| Measruing range | Refer to Toxic Gas Measuring Range | |
| Response time | < 15sec / 90% scale | < 45sec / 90% scale |
| Accuracy | ±3% / Full scale | |
| Parameter control | Front switch (calibration, maintenance, alarm setting) | |
| Operation mode display | 4-LED (Power, 2-stage alarm, 1-trouble) | |
| Measuring value display | LCD Display(4-Digit) | |
| Alarm signal output | 2A@30VDC, 0.5A@125VAC (resistive load) / 3-SPST relay contact(2stage alarm, 1 trouble) | |
| Output signal | 4 - 20mA DC RS-485 Modbus(Optional) / PoE(Power over Ethern) | |
| Sampling method | Diaphragm Pump | |
| Sampling line | OD 1/4" (Standard) | |
| Flow rate | 0 ~ 1000 ml/min max | |
| Conduit connection | Cable gland(PG-16) | |
| Mounting type | Wall mount | |
| Operating temperature | -20°C ~ +60°C | |
| Operating humidity | 5 to 99% RH (Non-condensing) | |
| Material | Front(Poly carbonate), Sides(Steel) | |
| Dimensions | Standard type : 70(W) × 144(H) × 160(D) mm | -1000 : 70(W) × 242.5(H) × 160(D) mm |
| Weight | Standard type : 2.5kg | -1000 : 4.05kg |
| NOTE 1 | Current consumed by Polyzyler(PY1000, PY2000) Unit | |
| NOTE 2 | DC 24V should be supplied if you want to use Pyrolyzer in case of using PoE power | |
| CERTIFICATION | | |
| CE / CPA | Refer to website | |