

GTD-5000 Series

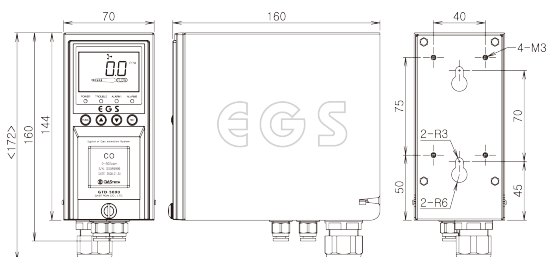
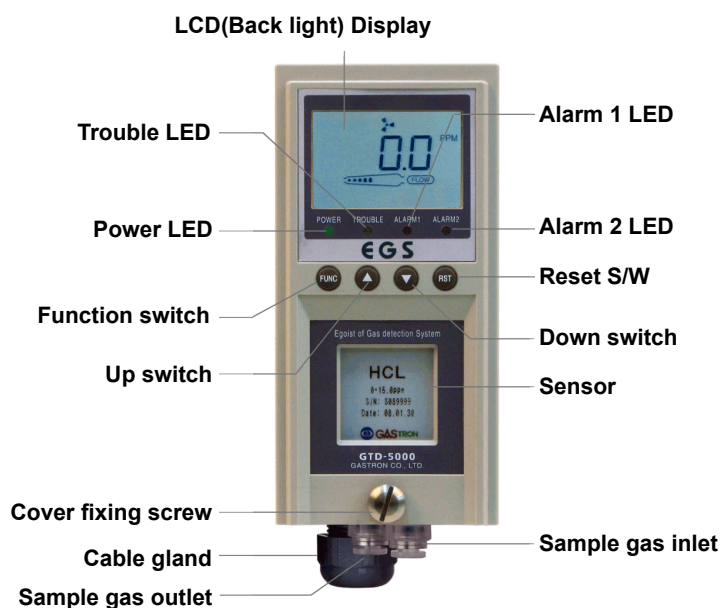
Intelligent & Cartridge Sensor Type Gas Detector

- Fast response detection of gas leakage with a high efficient pump inside
- Easy replacement with a cartridge type sensor
- Digital flow sensor to maintain regular flow rate
- Stable quality and proved detection principle for service life
- Excellent selectivity by adapting detection principle only for toxic gases & oxygen
- Superior performance for detecting gases below TLV
- Clear LCD display for showing various information
- 4-digit digital gas concentration display
- 4-20mA DC output signal
- Easy configuration of monitoring by RS-485 Modbus serial data communication
- 3-wire connection for signal & power
- 2-stage alarm, 1-trouble display and relay contact output



GENERAL

DIMENSION(unit : mm)



GTD-5000

ACCESORIES



Micro Filter



Sensor Cartridg

SPECIFICATION

INTELLIGNET & CARTRIDGE SENSOR TYPE GAS DETECTOR GTD-5000 Series

Model	GTD-5000
Measuring gas	Flammable gases (LNG, LPG, H ₂ , Methane, Buthane & etc) O ₂ Toxic ga
Measuring type	Auto sampling type
Measuring method	Catalytic cell / Hot wire semiconductor cell / Thermal conductivity cell Semiconductor cell, Electrochemical cell
Measuring range	0~100%LEL 0~2,000ppm 0~100% Vol Refer to Toxic Gas Measuring Range (42 page)
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	250V 1A / 3-SPST relay contact (2-stage alarm, 1-trouble)
Output signal	<ul style="list-style-type: none"> Analog output : 4-20mA DC Digital output : RS-485 Modbus
Sampling method	Diaphragm Pump
Sampling line	OD 1/4" (Standard)
Flow rate	0-1000 ml/min max
Cable / Distance	Power +Signal cable : 3-wire >1.5sq (AWG16) / 1,000m max. RS-485 data communication cable : 1pair (UL2919 RS-485) / 1,000m max
Conduit connection	Cable gland (PG-16)
Mounting typ	2" Pole mount, Wall mount
Operating temperature	-20°C ~ +50°C
Operating humidity	5 ~ 99%.RH (non-condensing)
Operating power	18 ~ 31V DC (24V DC normal) / 300mA max.
Dimensions	70x172x160 (WxHxD)mm
Weight	1.5kg
Approval	CE

*Specifications are subject to be changed without prior notice.