

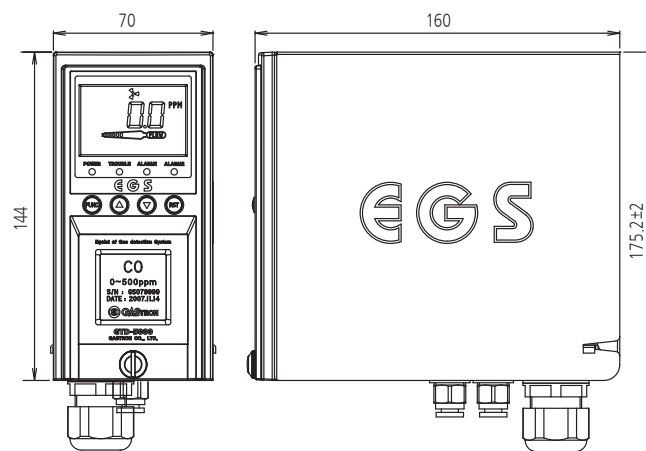
GTD-5000 Intelligent & Sampling Type VOC Gas Detector

| Fast response of VOC gas 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 | Low concentration VOC gas detection by PID sensor | Stable quality and proved detection principle for service life | 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 by RS-485 Modbus or PoE | 2-stage alarm, 1-trouble display and relay contact output | 3-wire connection for signal & power | Calibration and maintenance by one-man |

IMAGE



DIMENSION (Unit : mm)



ACCESSORIES



Micro Filter



Mounting Bracket



Sensor Cartridge

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

INTELLIGENT & SAMPLING TYPE VOC GAS DETECTOR	
Model	GTD-5000
Measuring gas	VOC gases(Benzene, Toluene, Xylene & etc)
Measuring type	Auto Sampling type
Measuring method	Photo-Ionization Detector(PID) or Semiconductor cell
Measuring range	0 ~ 300ppm
Response time	< 5sec / 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	-10℃ ~ +60℃
Operating humidity	5 to 99% RH (Non-condensing)
Material	Front(Poly carbonate), Sides(Steel)
Dimensions	Standard type : 70(W)×144(H)×160(D) mm
Weight	Standard type : 2.5kg
NOTE 1	DC 24V should be supplied if you want to use Pyrolyzer in case of using PoE power
CERTIFICATION	
CE / CPA	Refer to website