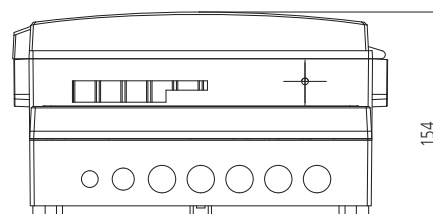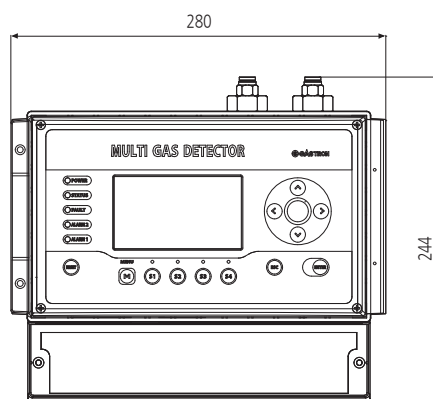# GTM-1000 Fixed Type Freon, Flammable MULTI Gas Detector

| Detect Freon, Flammable, VOC & Toxic gases simultaneously | Apply algorithm to prevent malfunction for interference gas (PA, Ethanol, FC3283 and Alcohol types) | Fast response of gas leakage with a high efficient pump inside | Detection gas from low to high concentration owing to various detection principle | Stable quality and proved detection principle for service life | Built in Data & Event Logging | Parameter setting with Color graphic LCD | Self diagnosis function | Flow Sensor to control flow rate automatically | 2-stage alarm, 1-trouble display and relay contact output | 4-20mA output signal | Easy configuration of monitoring by RS-485 Modbus (Isolated) and PoE communication(option) | Calibration and maintenance by one-man

IMAGE

DIMENSION (Unit : mm)

ACCESSORIES

Micro Filter   PG connector

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

MULTI TYPE GAS DETECTOR GTM-1000				
Model	GTM-1000 Series			
Measuring gas	Freon gases	Flammable gases	VOC gases	Toxic gases (CO, COS & etc)
Measuring type	Auto Sampling type			
Measuring method	Infra-red	Catalytic cell, Infra-red	Photo-Ionization Detector(PID)	Electrochemical cell
Measruing range	0~2000ppm	0~5000ppm, 100%LEL	0 ~ 300ppm	Customized Specification
Response time	< 15sec / 90% scale	< 15sec / 90% scale	< 15sec / 90% scale	< 45sec / 90% scale
Accuracy	±3% / Full Scale			
Parameter control	Front switch (calibration, maintenance, alarm setting)			
Operation mode display	Power / Alarm / Trouble / Status LED			
Measuring value display	Color graphic LCD display (Gas vaule, Gas name, Flow, Error etc.)			
Alarm signal output	4Gas - 3A@250VAC, 5A@28VDC / 3SPST Relay Contact(2-Stage Alarm, 1-Trouble)			
Output signal	4 Gas - Analog output : 4-20mA Digital output : RS-485 Modbus / PoE (Power over Ethernet) (option)			
Sampling method	Diaphragm Pump			
Sampling line	OD 1/4 " (Standard)			
Flow rate	0 ~ 1,000 ml/min max (Normal 500ml/min)			
Cable Port	PG connector (PG11~PG25)			
Mounting type	Wall mount			
Operating temperature	-10℃ ~ +50℃			
Operating humidity	5 to 99% RH (Non-condensing)			
Material	Polycarbonate			
Dimensions	280 (W) × 244 (H) × 154 (D) mm			
Weight	3.5kg			
CERTIFICATION				
CE / KC	Refer to website			