

GAS TRON

## GTD-1000Ex

Transmitter Type  
Gas Detector For Flammable Gases

### Feature

- ▷ Continuous detection of flammable gases in explosion hazardous area with flame proof structure
- ▷ Detection gases from low to high concentration owing to various detection principle
- ▷ Stable quality and proved detection principle for service life
- ▷ High quality and low cost of ownership
- ▷ Simple structure and compact design
- ▷ 4-20mA DC output signal
- ▷ Easy calibration & maintenance with inside 2-digit FND display
- ▷ Calibration and maintenance by one-man

### 03 Diffusion Type Gas Detector

#### Special Application



Remote type



Insert type



GAS TRON

## GTD-1000Tx

Transmitter Type  
Gas Detector For Toxic Gases & Oxygen

### Feature

- ▷ Continuous detection of toxic gases & oxygen in hazardous area with flame proof structure
- ▷ Excellent selectivity by adapting detection principle only for toxic gases & oxygen
- ▷ Superior performance for detecting gases below TLV
- ▷ High quality and low cost of ownership
- ▷ 4-20mA DC output signal
- ▷ Simple structure and compact design
- ▷ Easy calibration & maintenance with inside 2-digit FND display
- ▷ Calibration and maintenance by one-man

### 03 Diffusion Type Gas Detector

#### Special Application



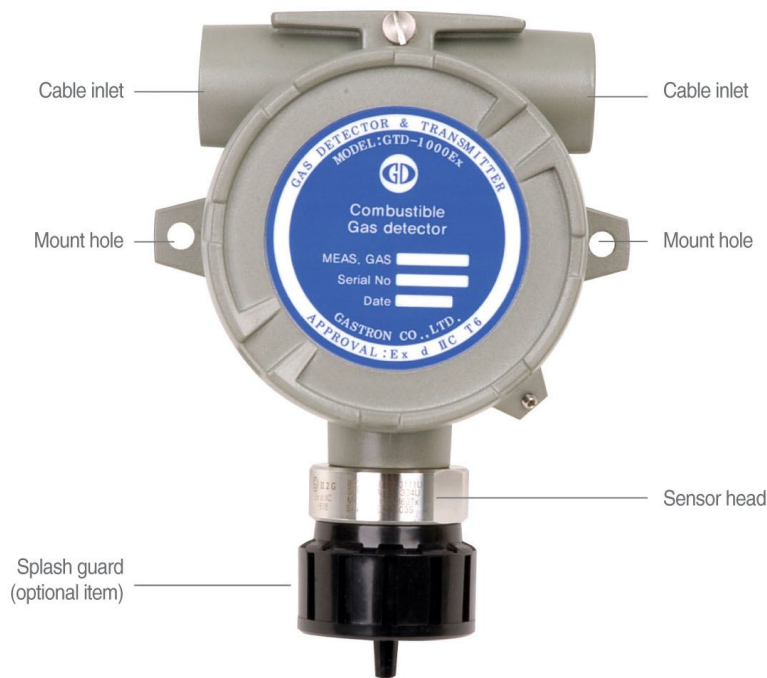
Remote type



Insert type



## General



## Accessories



Cable gland



Splash guard



Rain cover



Collecting cone

## Specification

	TRANSMITTER TYPE GAS DETECTOR GTD-1000 SERIES		
Model	GTD-1000Ex		GTD-1000Tx
Measuring gas	Flammable gases (LNG, LPG, H <sub>2</sub> , Methane, Buthane & etc)		O <sub>2</sub> / Toxic gases (CO, CL <sub>2</sub> , NH <sub>3</sub> & etc)
Measuring type	Diffusion type		
Measuring method	Catalytic cell / Hot wire semiconductor cell / Thermal conductivity cell		Electrochemical cell, Semiconductor cell
Measuring range	0~100% LEL	0~2,000ppm	0~100% Vol / Refer to Toxic Gas Measuring Range (50 page)
Response time	<15 sec / 90% scale		<45 sec / 90% scale
Accuracy	±3% / Full scale		
Output signal	4~20mA DC		
Cable/Distance	Power +Signal cable : 3-wire >1.5sq (AWG16) / 2,500m max.		:2-wire >1.5sq (AWG16) / 2,500m max
Conduit connection	G. Rc. NPT 1/2" & 3/4" (G 3/4" : standard)		
Mounting type	2" Pole mount, Wall mount, Duct mount		
Operating temperature	-20°C ~ +60°C		
Operating humidity	5 ~ 99%RH (non-condensing)		
Operating power	18 ~ 31V DC (24V DC normal) / 200mA max.		18 ~ 31V DC (24V DC normal) / 150mA max.
Dimensions	136x166x95 (WxHxD)mm		136x176x95 (WxHxD)mm
Weight	1.2kg		1.4kg
Approval	Flame proof type (Ex d IIC T6, IP65) KOSHA		

\*Specifications are subject to be changed without prior notice.