

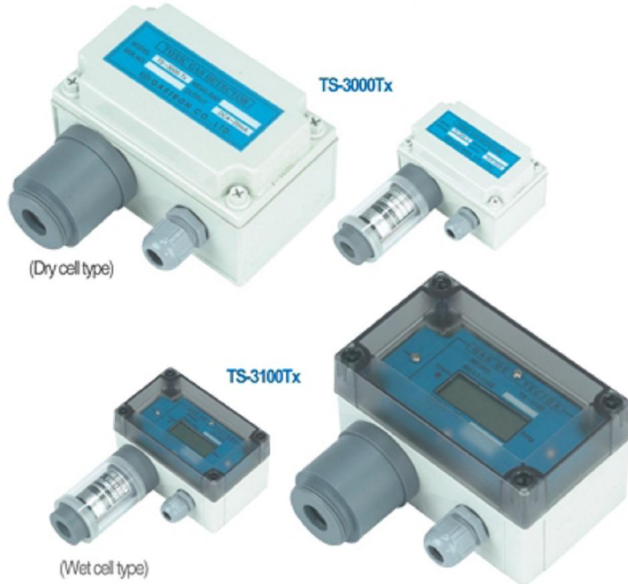
# TOTAL SOLUTION FOR GAS DETECTION SYSTEM

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## TS-3000Tx, 3100Tx Series

ANTI CORROSION & WATER PROOF TYPE



- Continuous detection of Oxygen & toxic gas in corrosive area with polycarbonate housing
- Excellent selectivity by adapting detection principle only for oxygen & toxic gas
- Superior performance for detecting gas below TLV
- Built in LCD display (TS-3100 series)
- High quality and low cost of ownership
- 4-20mA DC output signal
- 2 wires transmitter type
- Calibration and maintenance by one person

### GENERAL

- TS-3000/TS-3100 series are anti corrosion type with polycarbonate housing. So, these detector can be installed in corrosive area and continuously detect oxygen & toxic gas
- These detectors have detection principle only for oxygen & toxic gas and react only with corresponding gas. Therefore, it minimizes malfunctioning due to interfering gas
- Also, they shows excellent performance for detecting very low gas concentration (below TLV)
- TS-3100 series has LCD display to show detected gas concentration
- TS-3000/TS-3100 series have guaranteed reliability and minimized influences of temperature, pressure, humidity and electrical noise.
- Analog output (4-20mA DC) is delivered to controller, DCS & PLC and gas monitoring system
- There are various accessories for each onsite condition (Optional item)



### [Accessories]



## SPECIFICATION

ANTI-CORROSIVE & TRANSMITTER TYPE OXYGEN AND TOXIC GAS DETECTOR		
Model	TS-3000Tx	TS-3100Tx
Measuring gas	Toxic gas (O <sub>2</sub> , CO, CL <sub>2</sub> , NH <sub>3</sub> , HCL, HCN, SO <sub>2</sub> & etc)	
Measuring type	Diffusion type	
Measuring method	Electrochemical cell, Semiconductor cell	
Measuring range	Refer to Ordering information (70 page)	
Response time	<45 sec / 90% scale	
Accuracy	±3% / Full scale	
Operation mode display	N/A	1-LED (Power)
Measuring value display	N/A	LCD display (3 1/2 digit)
Output signal	4-20mA DC	
Cable/Distance	2 wire (Above CVVS 1.5sq) / 2,500m max.	
Conduit connection	Cable gland (PG16)	
Mounting type	2" Pole mount, Wall mount, Duct mount	
Operating temperature	-20°C ~ +50°C	
Operating humidity	5~ 95%.RH (non-condensing)	
Operating power	18 ~ 31V DC (24V DC normal) / 50mA max.	
Dimensions	Dry Cell Type 130 x 129 x 77 (W X H X D) Wet Cell Type 130 x 185 x 77 (W X H X D)	
Weight	0.4kg	0.5kg
Approval	IP65	

TS-3000Tx, 3100Tx

※ Specifications are subject to change without prior notice.

## DIMENSION (unit : mm)

