



# HIGHLY SENSITIVE TRANSPORTABLE GAS DETECTOR MODEL TG-[\*]TEB

- ◆ LCD Display
- ◆ Continuous monitoring
- Pump ON/OFF operation is optionally available
- ◆ Easy maintenance
- ◆ Compact and highly-densities design



## Target Gas and monitoring range

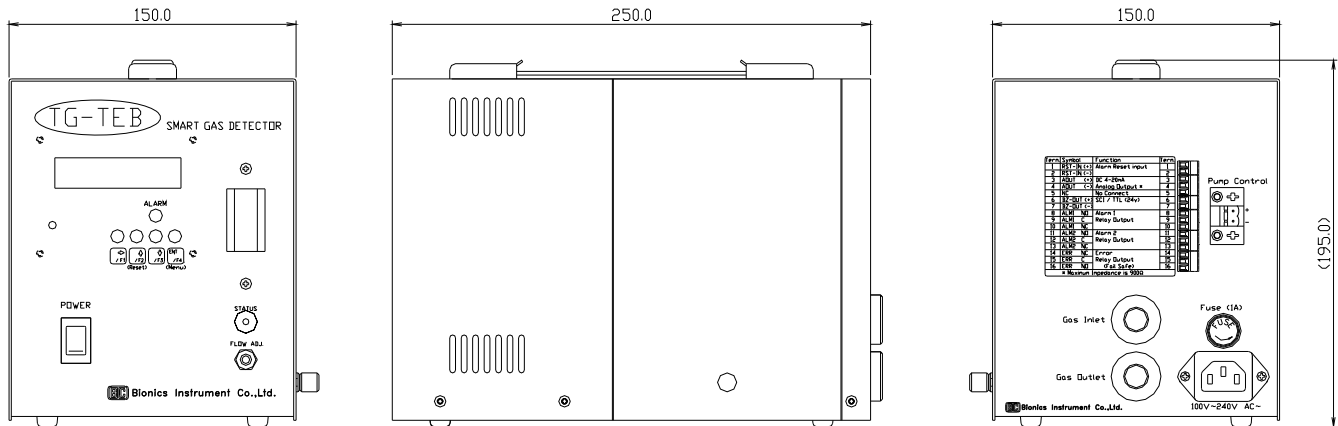
System code	Target Gas	Standard Range	Remarks
TG-100TEB	Cl <sub>2</sub>	0 ~ 1.5 ppm	
TG-400TEB	HCl	0 ~ 6 ppm	
TG-700TEB	HF	0 ~ 9 ppm	
TG-800TEB	O <sub>3</sub>	0 ~ 0.3 ppm	
TG-1200TEB	CO	0 ~ 75 ppm	Disposable type sensor
TG-1700TEB	NO <sub>2</sub>	0 ~ 9 ppm	
TG-1700TEB	NO	0 ~ 100 ppm	Disposable type sensor
TG-2400TEB	NH <sub>3</sub>	0 ~ 75 ppm	
TG-3400TEB	Chloride (BCl <sub>3</sub> etc.)	0 ~ 6 ppm	
	HBr	0 ~ 9 ppm	
TG-3700TEB	Fluoride (SiF <sub>4</sub> etc.)	0 ~ 9 ppm	
TG-4000TEB	Hydride	0 ~ 1	For dry scrubber
TG-4100TEB	NF <sub>3</sub>	0 ~ 30 ppm	Built-in pyrolyzer
TG-4700TEB	C <sub>5</sub> F <sub>8</sub>	0 ~ 50 ppm	Built-in pyrolyzer
TG-5000TEB	SiH <sub>4</sub>	0 ~ 15 ppm	Disposable type sensor
	TMS	0 ~ 15 ppm	
	PH <sub>3</sub>	0 ~ 1 ppm	
	AsH <sub>3</sub>	0 ~ 0.2 ppm	

Notice : Other gases are also available upon request.

# Specifications

Detector model	TG-[*]TEB
Detection Principle	Electrochemical cell or CEC(Combined Electrochemical Cell)
Sensor Model	GS-[*]HS / ES
Sampling Type	Sample draw, continuously
Indicator	Characteristic LCD (displaying gas name and concentration)
Output signals	4-20mA DC (Max load resistance : 750Ω)
Alarm Relay Contacts	A1: dry c A2: dry c Fault: dry c (fail safe action)
Capacity of Relay Contacts	125 V AC, 0.3 A max 30 V DC, 1.0 A max
Flow rate	0.15 L/min TG-4100TEB, TG-4700TEB 0.2 L/min TG-4000TEB 0.5 L/min Others
Sampling pump	Electromagnetic diaphragm pump
Tube connection	Inlet & Outlet : 1/4" PT female
Operating conditions	0 ~ 40 °C, 20 ~ 80 %RH(non condensing)
Power requirement	100 ~ 240V AC, 50 ~ 60Hz
Power consumption	15 VA
Dimensions	150(W) × 195(H)× 250(D) mm
Weight	Approx. 4kg

# Dimensions



※We reserve the right to change specifications without notice.

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