

TOKA

PORTABLE TOXIC GAS METER

TIP-TX series



Chlorine gas ————— TIP-CL

Hydrogen compound
(Semiconducting material gas) — TIP-HR

Hydrogen Gas ————— TIP-HY

Sulfur dioxide ————— TIP-SO

Hydrocyanic acid ————— TIP-HN

Nitrogen dioxide ————— TIP-ND

Hydrogen sulfide ————— TIP-HS

Carbon monoxide ————— TIP-CO

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《Summary》

TIP-TX series is meter that raise an alarm over toxic gas.
Alert level is adopted two-staged type of AL1, AL2.

《Features》

- Peak hold function enable to memorize maximum density.
- Alarm is two-staged type.
- It could measuring two range.
- Auto-zero function could calibrate automatically at the time of power-on.
- Display is large and easily viewable LCD.
- Gas collection method is suction type.
- Long-life sensor (2 years, 1 year warranty) could minimize running cost.

《Specifications》

Model	Refer to the following table
Objective gas	Refer to the following table
Sensing principle	Potentiostatic electrolysis method
Gas collection method	Suction type
Measuring range	Refer to the following table
Display	3 digit display LCD panel, line indicator, alarm (AL1,AL2) light, peak hold mode light
Accuracy	Within $\pm 10\%$ in full scale
Response	90% response within 60 second
Alarm setting level	Two staged-type(AL1/AL2, user-settable): Refer to the following table
Alarm accuracy	Within $\pm 25\%$
Alarm display	Blinking LED, intermittence buzz
Working temperature	-10~40°C
humidity limit	20~90%RH
Power supply, operating time	R20P (size D battery) $\times 2$ pieces, continuous use for 8 hours
Dimensions, weight	163(W) \times 137(H) \times 67(D)mm, 1.3kg approximately
Accessory	Sampling tube (1.5m), Lether case, Hex. wrench, Instruction manual

《Objective gas for detecting》

Model	Objective gas	Measuring range (ppm)		Resolution	Alarm level (standard)	
		LOW range	HI range		AL1	AL2
TIP-CL	Chlorine gas	0~20	0~100	0.2ppm	5ppm	25ppm
TIP-HR	Hydrogen compound PH ₃ , AsH ₃ , SiH ₄ , B ₂ H ₆ (PH ₃ calibration)	0~4	0~20	0.1ppm	0.3ppm	1.5ppm
TIP-HY	H ₂ :Hydrogen gas	0~400	0~2000	1ppm	100ppm	500ppm
TIP-SO	SO ₂ :Sulfur dioxide	0~20	0~100	0.2ppm	5ppm	25ppm
TIP-HN	HCN:Hydrocyanic acid	0~40	0~200	0.2ppm	5ppm	25ppm
TIP-ND	NO ₂ :Nitrogen dioxide	0~20	0~100	0.2ppm	5ppm	25ppm
TIP-HS	H ₂ S:Hydrogen sulfide	0~20	0~100	0.2ppm	5ppm	25ppm
TIP-CO	CO:Carbon monoxide	0~200	0~1000	1ppm	50ppm	250ppm

●Any inquiry and offer call your reliable agent

※ Specifications are subject to change without any prior notice.