

Interference Gas Filtering Type Portable Gas Detector

GTD-5000 Portable



Features

- Detects gases such as combustible, toxic, and freon gases.
- Equipped with a filtering algorithm to handle interference gases.
- Utilizes infrared measurement principles, ensuring fast response times.
- Designed with a rechargeable battery, allowing continuous operation for up to 15 hours on a full charge.
- Features flow control functionality to maintain consistent intake volume and speed.

Accessories



Strap



Probe



Carrying case



Case

Sensor Specification

* = Refer to Toxic gas measuring range

Measuring method	Measuring gas	Measuring range	Response time
Infra - red	Freon gas	0 ~ 2000ppm	< 10sec / 90% scale
	Flammable gas	0 ~ 100% LEL	< 10sec / 90% scale
	Toxic gas	*	< 10sec / 90% scale

Detector Specification

Measuring type	Auto sampling type
Accuracy	±3% / Full scale
Parameter control	Front switch (Calibration, Maintenance, Alarm setting)
Operation mode display	5-LED (Power, 2 Stage alarm, 1 Trouble, Charging status)
Measuring value display	2.0" Color TFT LCD (Gas value, Flow rate etc.)
Operation power	Lithium Ion 16.8V / 2750 mAh
Charge function	USB Type-C (Can apply PD 3.0, BC 1.2)
Charging time	2hours and 30minutes (Base on PDO 20V/25W)
Operation time	Operating 15hours continuously (Based on 500 ml/min Flow)
Alarm sound	90dB @ 1m
Sampling method	Diaphragm pump
Sampling line	OD 1/4 " (Standard)
Flow rate	100 ~ 1000 ml/min (Normal 500 ml/min)
Material	Front (Poly carbonate), Sides (Steel)
Charging temperature	0°C ~ 45°C
Storage temperature	-20°C ~ 25°C
Operating temperature	10°C ~ 60°C
Operating humidity	30 ~ 85% RH (Non-condensing)
Dimensions	70(W) x 170(H) x 170(D) mm
Weight	1.9kg