

Cartridge & Sampling Type Portable Gas Detector

GPD-100



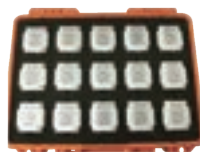
Features

- Detects gases such as combustible, toxic, oxygen or VOCs.
- Quickly detects gases in desired areas using a high-performance pump.
- Designed with a rechargeable battery, it operates continuously for 10 hours when fully charged.
- Uses a detachable cartridge-type sensor.
- The color LCD display provides a variety of information.

Accessories



Carrying case



Cartridge carrying case



Sensor cartridge

Sensor Specification

* = Refer to Toxic gas measuring range

Measuring method	Measuring gas	Measuring range	Response time
Catalytic cell	Flammable gas	0 ~ 100% LEL	< 15sec / 90% scale
Hot wire semiconductor cell	Flammable gas	0 ~ 2000ppm	< 15sec / 90% scale
Thermal conductivity cell	Flammable gas	0 ~ 100% Vol	< 15sec / 90% scale
Galvanic cell	O ₂	*	< 15sec / 90% scale
Electrochemical cell	Toxic gas	*	< 45sec / 90% scale
Photo-Ionization detector(PID)	VOC gas	5 ~ 300ppm	Varies by gas
Semiconductor cell	VOC gas	5 ~ 300ppm	Varies by gas

Detector Specification

Measuring type	Auto sampling type
Accuracy	±3% / Full scale
Parameter control	Front membrane key (Power, Calibration, Maintenance, Alarm setting, Reset)
Operation mode display	3-LED (Power, 2 Colored 2-Stage alarm, 1-Trouble)
Measuring value display	LCD display (4-Digit)
Sampling method	Diaphragm pump
Sampling line	OD 1/4 " (Standard)
Flow rate	100 ~ 650 ml/min (Normal 300 ~ 500 ml/min)
Material	PC-ABS (Polycarbonate-ABS)
Operating power	Battery : DC 7.3 V / 5.5 Ah Input : AC 100 ~ 230V 50 / 60Hz free volt, Output : DC12V 2.0A
Operating temperature	-20°C ~ 50°C
Operating humidity	5 ~ 99% RH (Non-condensing)
Dimensions	208(W) × 95(H) × 100(D) mm
Weight	1.1kg

Detector Certification

Other Certifications	CE(EMC)	European Electromagnetic Certification	-
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