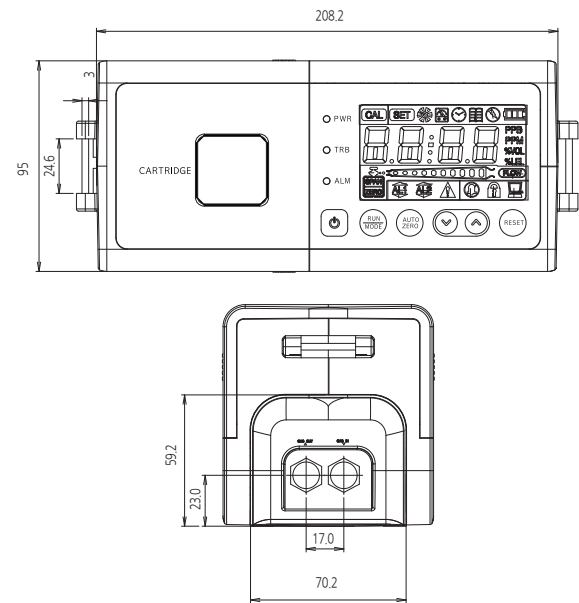# GPD-100 **Cartridge Sensor & Sampling Portable Detector**

| Fast response of gas leakage with a high efficient pump inside | Easy replacement with a cartridge type sensor (same as GTD-5000 cartridge) | Easy calibration and get information from the face displayed with backlit color LCD | 10 hours continuously operation with a rechargeable Li-ion battery and charge power with a power adapter | Data logging function with Micro SD (T-flash) card (Text File) | Zero calibration button Convenient usage structure through front placement |

IMAGE

DIMENSION (Unit : mm)

ACCESSORIES

Carrying case

Cartridge Carrying Case

Sensor Catridge

SPECIFICATION

※ Specifications are subject to be changed without prior notice.

AUTO SAMPLING & CARTRIDGE SENSOR TYPE PORTABLE GAS DETECTOR		
Model	GPD-100	
Measuring gas	Flammable gases	VOC gases	O2 / Toxic gases(CO, Cl2, NH3 & etc)
Measuring type	Auto Sampling type		
Measuring method	Catalytic cell, Hot-wire semiconductor cell Thermal conductivity cell	Photo-Ionization Detector(PID)	Semiconductor cell, Electrochemical cell
Measruing range	0~100%LEL, 0~100%Vol	5ppb ~ 300ppm	Refer to Toxic Gas Measuring Range (166 page)
Response time	Flammable gases(< 15sec / 90% scale)	VOC gases(< 5sec / 90% scale)	Toxic gases(< 45sec / 90% scale)
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	Normal 300~500 ml/min (0~1000 ml/min max)		
Data logging	More than 10 hours data logging function with Micro SD (T-flash) card (Option) / 2G Byte max		
Operating temperature	-20℃ to 50℃		
Operating humidity	5 to 99% RH (Non-condensing)		
Operating power	Battery : DC 7.4V / 4.4A Input: AC 100~230V 50 / 60Hz free volt , Output :DC12V 2.0A		
Material	Poly carbonate		
Dimensions	218 (W) × 95 (H) × 100 (D) mm		
Weight	1.2kg		

CERTIFICATION	
CE	Refer to website