

03 Series GP-03 (LEL)

Single Gas Monitor

- Detects for Combustibles
- Operates 35 or 30 hrs on alkaline/Ni-MH
- Pocket size and weighs only 80 grams
- Impact, dust, and water resistant (IP-67)
- Replaceable rubber boot
- Data log from 5 to 300 hours with adjustable intervals
- Audible / visual / vibration alarms
- Automatic backlight
- Peak Hold, STEL & TWA
- Low battery alarm
- Intrinsically safe, IECEx

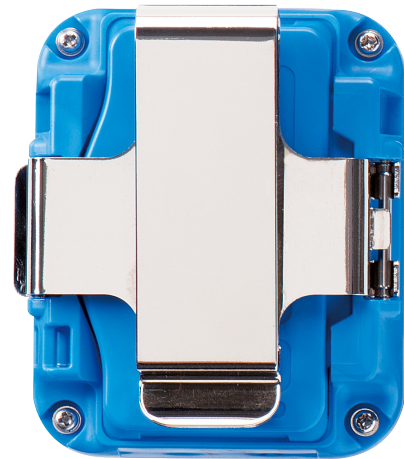
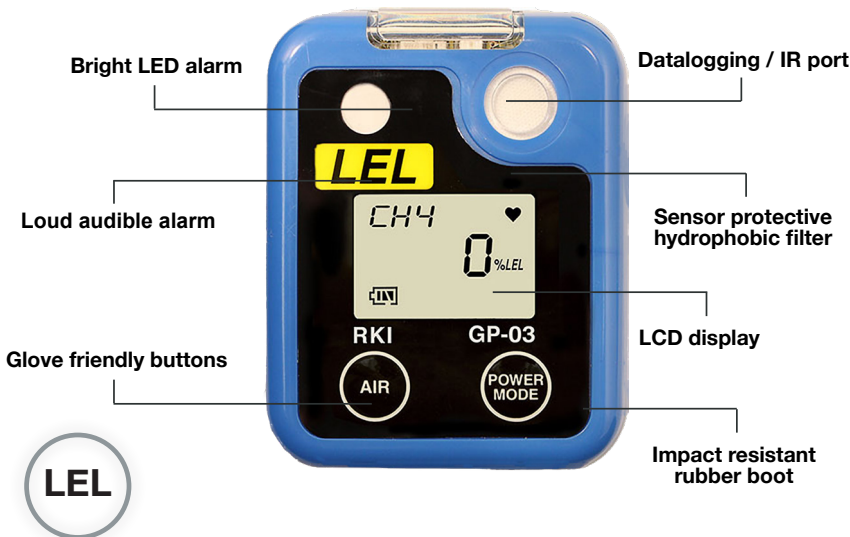


Overview

Individuals need personal protection in hazardous areas at all times without adding extra bulky equipment. This is why the 03 Series can provide that kind of protection at an affordable price. The GP-03 is a personal single gas monitor, designed for protection from exposure to combustible hydrocarbons (LEL).

Applications

- Hazardous material
- Mining
- Tunnels
- Refineries / Petrochemical
- Water / Wastewater Treatment

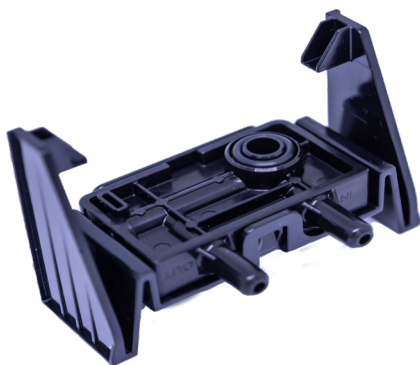


Belt clip

Model name	GP-03	
Gas detected	Combustible gas	
Detection principle	Catalytic combustion	
Detection Range (increments)	0-100% LEL (1% LEL increments)	
Alarm set points	1st 10% LEL 2nd 15% LEL Over 100% LEL	
Alarm types	Gas alarms: 1st and 2nd (user adjustable), OVER alarm, STEL and TWA	Trouble alarms: Sensor connection, low battery circuit failure, and calibration range error
Alarm methods	Gas alarm: flashing LED's, intermittent buzzer, flashing gas value and vibration Trouble alarm: flashing LED's, intermittent buzzer and display of error message STEL & TWA alarms: flashing LED's, intermittent buzzer, flashing gas value and vibration	
Gas sampling	Diffusion	
Response time	90% response within 30 sec	
Accuracy which ever is greater	5% of reading or $\pm 2\%$ LEL	
Power Options	Alkaline dry cell (2-AAA size)	
Continuous operation	Alkaline battery : Approx.35 h Ni-MH battery : Approx.30 h	
Safety Rating	IECEx approved Ex ia IIC/IIB T4/T3 Ga Ex ia Ma	
Dimensions & Weight	54mm x 67mm x 24mm and weighing only 80g	
Display	Digital LCD, gas name & concentration, auto backlighting during alarm, operation icon, battery icon	
Operating temperature and humidity	-20 ~ +50°C [-4°F ~ 122°F] 0 ~ 90%RH (non-condensing)	
Accessories	Standard	Optional
	Rubber protective boot Alligator clip Data logging software Alkaline batteries Wrist strap	Calibration adapter Charger unit Wrist strap Calibration kit Belt clip Data logging download cable
Special functions	Manual backlight for LCD (automatically lit during alarm) Peak hold, STEL & TWA	
Warranty	2 Year warranty	

Accessories

Calibration cap



Makes it easier to zero the sensor and check its responsiveness and calibration

Heat-resistant case



To help your instrument withstand high temperature conditions

Alligator clip



To easily clip onto a belt, pocket etc