

# GP-03

## SINGLE GAS CLIP-ON PERSONAL MONITOR



Individuals need personal protection in hazardous areas at all times without adding extra bulky equipment, and the 03 Series can provide that kind of protection at an affordable price. The GP-03, OX-03, CO-03, and HS-03 models are personal single gas monitors designed for protection from exposure to combustible hydrocarbons, oxygen deficiency, hydrogen sulfide, or carbon monoxide.

The O<sub>2</sub>, CO, and H<sub>2</sub>S versions can be operated continuously for at least 3,000 hours on (2) AAA size alkaline batteries. The GP-03 operates for 35 hours on alkaline and 30 hours on rechargeable Ni-MH. The 03 models have 2 preset alarms that are user adjustable. Each version is also equipped with visual, audible, and vibration alarms as standard.

The replacement sensors are inexpensive, easily field replaceable, and are interchangeable with other popular RKI instruments like the GX-2009, GX-2012, and GasWatch 2. Sensors for LEL and O<sub>2</sub> have a life expectancy of over 2 years. Sensors for H<sub>2</sub>S and CO have a life expectancy of over 3 years.

Each 03 Series monitor is impact, dust, and water resistant with an IP-67 rating. 03 Series instruments are safe for use in hazardous locations, classified as intrinsically safe ATEX/IECEX and by CSA to U.S. and Canadian standards for Class I, Division 1, Groups A, B, C, and D atmospheres.



### KEY FEATURES

- Operates 3,000 hours on alkaline (GP-03 operates 35 or 30 hrs on alkaline/Ni-MH)
- Pocket size 2.1"(W) x 2.6"(H) x 0.9"(D)
- Light weight 2.8 ounces
- Impact, dust, and water resistant (IP-67)
- Replaceable rubber boot
- Data log 5 to 300 hours with adjustable intervals
- Audible / visual / vibration alarms
- Automatic backlight
- Peak Hold, STEL & TWA
- Low battery alarm
- Intrinsically safe, ATEX, CSA
- 3 Year warranty H<sub>2</sub>S & CO
- 2 Year warranty LEL & O<sub>2</sub>



## GP-03

**SPECIFICATIONS**

Specifications subject to change without notice

|                              |                                                                                                                                    |
|------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dimensions</b>            | 54 x 67 x 24 mm                                                                                                                    |
| <b>Weight</b>                | 80 g                                                                                                                               |
| <b>Detection principle</b>   | Catalytic combustion                                                                                                               |
| <b>Detection range</b>       | 0 to 100% LEL, 1% LEL increments                                                                                                   |
| <b>Response time</b>         | T90 in 30 seconds                                                                                                                  |
| <b>Accuracy</b>              | ±5% of reading or ±2% LEL, whichever is greater                                                                                    |
| <b>Alarm set points</b>      | 1st: 10% LEL (user adjustable). 2nd: 50% LEL (user adjustable). OVER: 100% LEL                                                     |
| <b>Alarm types</b>           | Gas alarms: 1st, 2nd, OVER, STEL and TWA. Trouble alarms: sensor connection, low battery, circuit failure, calibration range error |
| <b>Alarm methods</b>         | Flashing LEDs, intermittent buzzer, flashing gas value, vibration                                                                  |
| <b>Sampling</b>              | Diffusion                                                                                                                          |
| <b>Battery</b>               | 2x AAA alkaline or 2x AAA Ni-MH rechargeable                                                                                       |
| <b>Battery runtime</b>       | 35 hours (alkaline), 30 hours (Ni-MH)                                                                                              |
| <b>Display</b>               | Digital LCD, gas name and concentration, auto backlight during alarm, battery icon, operation icon                                 |
| <b>Data logging</b>          | 10-second intervals: 5 hours. 5-minute intervals: 150 hours. 10-minute intervals: 300 hours                                        |
| <b>Peak Hold</b>             | Yes                                                                                                                                |
| <b>STEL and TWA</b>          | Yes                                                                                                                                |
| <b>Operating temperature</b> | -20°C to 50°C                                                                                                                      |
| <b>Humidity</b>              | Below 90% RH non-condensing                                                                                                        |
| <b>IP rating</b>             | IP67                                                                                                                               |
| <b>Safety rating</b>         | ATEX and IECEx intrinsically safe. CSA classified C/US, Class I, Division 1, Groups A, B, C and D                                  |
| <b>Sensor life</b>           | Over 2 years                                                                                                                       |
| <b>Warranty</b>              | 2 years                                                                                                                            |



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