

Reliable personal gas protection in Hazardous areas

The Issue :

In hazardous areas and industries such as Oil Refineries, Petrochemical Storage Facilities, Water and Wastewater Treatment plants, Pharmaceutical labs, Utilities, Fire fighting and Chemical Plants, individuals need personal gas protection at all times without the addition of extra bulky equipment,

Whilst disposable gas detectors are low cost they can suffer high failure rates, this can not only result in individual safety concerns but the cost of ownership due to the constant replacement of failed units, personnel down time and the lost productivity that results often outweighs the small initial cost saving over a reliable renewable gas detector.



The Solution :

The **Riken Keiki -03 series** gas monitor from **Weatherall Equipment and Instruments Ltd** are reliable, long-lasting, and cost effective. They have a digital display, can be calibrated, and are dust and water-resistant (IP-67). The HS-03, CO-03 and OX-03 models will operate for 3,000 hours on one pair of AAA alkaline batteries. The GP-03, which is one of the only single gas personal combustible monitors available, will operate for up to 35 hours on one set of batteries. The micro-processor provides 2 alarm levels, peak hold, STEL and TWA alarms, as well as a low battery alarm.

The replacement sensors are inexpensive, easily field replaceable, and are interchangeable with other popular **Riken Keiki** instruments like the **GX-2009** and **GX-2012**. The Sensors for LEL and O2 have a life expectancy of over 2 years. The Sensors for H2S and CO have a life expectancy of over 3 years. The instruments are reliable and long lasting and will provide many years trouble free service. The **03 Series** has less than a **1% warranty claim**.

03 Series Key Features :

- Operates 3,000 hours (GP-03 operates 35 or 30 hrs)
- Pocket size 2.1"(W) x 2.6"(H) x 0.9"(D)
- Light weight 80g
- 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, ATEX approved.
- 3 Year warranty H2S & CO
- 2 Year warranty LEL & O2

