

Gas Detection



Single Gas Detectors

Micro IV (IP54)

Our premier single gas detector featuring an optional integral pump and a wide variety of sensors including CO*, H2S*, O2*, SO2, NO2, NH3, CL2, CLO2, NO2, PH3, HCN, H2, HCL, HF, ETO.

Note: SO2 & H2S have resolution of 0.05 and 0.1 ppm respectively to meet new ACGIH guidelines.

***3 year warranty sensors**



Altair Pro (IP67)

The Altair line of single gas detectors is a great choice in low cost affordable detectors. Available for O2, H2S, CO, HCN, Cl, ClO2, SO2, NO2, NH3 and PH3.

All sensors carry a 2 year warranty. The rubber boot and single button operation gives the instrument the durability expected in today's industry.



Honeywell Gas Monitors

Single gas detector solutions from Honeywell include the **GasAlert Extreme** with an expanded range of sensors including H2S, CO, O2, PH3, NO2, NH3, ETO, Cl2 and SO2



Also now available from Honeywell is the **ToxiPro** Gas Detector available for H2S, CO, O2, SO2, NO2, PH3, HCN, Cl2 & NH3

Note: The Altair, Gas Alert and ToxiPros are also available as 2 or 3 year Gas badges.



Multi-Gas Detectors

The GFG family of Gas Detectors raises the bar with a new optional **6 year warranty** on all Model **G450** and **G460** Gas Detectors. The **G450** (IP67) is both compact and robust with most features standard, the platforms themselves carry a lifetime warranty. Options include built in flashlight and motorized pump.

The **G460** (IP67) offers all the features and advantages of the G450 platform with an expanded sensor offering. The full range of available sensors include LEL, LEL(IR), O2, CO, H2S, SO2, NO, NO2, CO2(IR), CL2, CLO2, NH3, HCN, HCl, PH3, ETO, HF, O3, H2 and PID(VOC). The unique LEL (IR) sensor allows for the measuring of larger hydrocarbons (C9+) such as kerosene's and other higher molecular weight flammables.

Key features include:

Alkaline or Rechargeable / Top mounted and colour coded display / Zoom and flip feature and wrap around visual warning / Up to 25 hours of continuous operation between charging / Dust and water proof (IP67)/ H2S and SO2 lower detection / Limits set to meet new ACGIH guidelines of 0.25ppm and 1ppm respectively



Multi-Gas Detectors cont...

Altair 4X Gas Detector (IP67)

New in 2011, this improvement on the Altair4 comes with a 3 year warranty (option for 4 years) and a run time of 24 hrs. Available sensors include LEL, O₂, CO/H₂S. A unique feature of this MSA detector is a motion sensor that is included as a standard feature.



Altair 5 Gas Detector (IP65)

When the regular 4 gases are not enough, the MSA Altair 5 introduces an extra 2 channel (using a duotox CO/H₂S sensor) allowing for the detection of up to 6 gases. Additional sensors include LEL (pellistor), LEL (IR), CO₂ (IR), O₂, NH₃, Cl₂, ClO₂, PH₃, HCN, NO₂ and SO₂. Standard features include a built in pump, a high resolution colour display and a 15 hr run time.



MultiPro Gas Detector (IP65)

The Honeywell MultiPro 4 channel gas detector offers true 1 button operation. With a run time of 22 hours, the instrument is configured with an LEL, O₂ and a duotox CO/H₂S sensor. The over molded rubber boot design offers a rugged and compact instrument. A slip on motorized pump makes the instrument ideal for vertical entries.



Gas Alert Quattro (IP66/67)

Designed for visual auditing and easy compliance, the Honeywell Quattro combines a comprehensive range of features with a simple one button operation. Available with the standard LEL, O₂, CO, H₂S channels, the instrument uses 4 independent sensors all with a 2 year warranty. With a run time of up to 20 hours, both alkaline and rechargeable options are available.



888.453.8488

www.levitt-safety.com/instruments

Special Applications



VOC Detectors

The **Phocheck Tiger** (IP65) represents an improvement on the standard PID technology, both in terms of dynamic range, response time and most importantly immunity from the effects of humidity due to the innovative Ion Science fence electrode design.

The extended range allows for industrial Hygiene, leak detection and hazmat applications (**PPM**). The PPB range is relevant for IAQ applications. Finally, the **aromatic** and **benzene** specific modes make this instrument a truly all in one PID platform (1ppb - 20,000ppm).



MiniRae 3000

The Rae Systems **3000 Series** MiniRae, PPB Rae and UltraRae continue to be used widely in industry for leak detection, hazmat and benzene specific detectors. As one of the early introducers of these products to Canada, Levitt-Safety continues to offer and support the Rae product line.



Other Specialized Detection Solutions:

The PPM Technology **Formaldemeter™ htV-M** (left) uses a well proven electrochemical sensor that to batch sample atmospheric formaldehyde levels.



The **Interscan 4000** portable analyser (right) allows for low ppm / ppb measurements of formaldehyde as well as a number of other chemicals including Cl₂, ClO₂, ETO, Br₂, hydrazine, HBr, HCl, HCN, H₂, Hydrogen peroxide, Propylene Oxide, Ozone, CO, H₂S, NO, NO₂ and SO₂.



Gastec Colourmetric Tubes

Perhaps the most versatile and proven methodology for measuring concentrations of hundreds of chemicals, the Gastec system uses a precision sampling pump to deliver the exact volume of air to each measuring tube.

Gastec tubes are manufactured in Japan to exacting standards. Gastec goes the extra step by participating in the Safety Equipment Institute (SAE) Certification program which is based on ANSI/ISEA standards.

The key feature is simplicity. With all the chemistry already done, the tubes are used in the same way as a thermometer. Tubes are available in different ranges for all the common inorganic gases (H₂S, CO, O₂, SO₂, NO₂...) With new standards for both SO₂ (STEL; 0.25ppm) and H₂S (TWA; 1.0ppm), Gastec tubes provide even better capability than electronic gas detectors. In the case of most organic chemicals, (ex BTEX), colourmetric tubes are the only way to measure gas concentrations in the field.



Gas Detector Accessories



Docking Systems

Docking systems are available for most of the single and all the multi-gas detectors featured in this offering. Docks are designed primarily to bump and calibrate the various gas detectors automatically and to create electronic records for auditing purposes.

Standard 4 gas detectors can be calibrated with a single quad mix gas cylinder. Other gases such as Isobutylene (PID gas), SO₂, NO₂, CL₂, etc.. require a second cylinder.



Calibration gases

IPG2A310130	100ppm CO/25 ppm H ₂ S/18% O ₂ /2.5% CH ₄ (50% LEL Methane) balance N ₂ , 34L (G450/G460/Quattro)
IPGCGQ58-4	Same as above 58L cylinder
IMSA10048280	60ppm CO/20 ppm H ₂ S/15% O ₂ /1.45% CH ₄ MSA Standard 4-Gas Detectors (50% LEL Pentane equivalent) balance N ₂ , 34 L (For Altair 4X & 5) Note: LEL sensor must be calibrated to 58% LEL for pentane equivalent calibration
IPG8A310267	Same as above for 58L cylinder
IPG2A310038	50ppm CO/25 ppm H ₂ S/18% O ₂ /1.62% CH ₄ (50% LEL Propane equivalent) balance N ₂ , 34L (MultiPro)
IPG10327789	Same as above for the 58L cylinder
IPG90005510	0.5L/min Regulator for 34/58L cylinder (G450/G460/Quattro)
IPG90005520	1.0L/min Regulator for 34/58L cylinders (MultiPro)
IPG90005530	0.25L/min Regulator for 58L cylinder (Altair 4X & 5)
IPGDFR2001	Demand flow Regulator for Docking systems, 34/58L cylinders



RENTAL REPAIR AND CALIBRATION SERVICES

■ EDMONTON ■ WINNIPEG ■ OAKVILLE ■ MONTREAL ■ MONCTON

Service Centre for GFG, MSA, Honeywell, Ion Science, Rae, Gastec as well as other gas detection products.



888.453.8488

www.levitt-safety.com/instruments

levittsafety

EHS INSTRUMENT SOLUTIONS