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## Alphasense: Releases its latest offering, an industry leading A-Series PID sensor.

With a **PID** (Photo Ionisation Detector) the sample gas is exposed to deep ultraviolet light from a lamp. The emitted light ionises targeted gases in the sample so they can be detected by the gas detector and reported as a concentration (ppb or ppm). The Alphasense PID can be installed in portable and stationary gas monitors that accept either Alphasense Ltd CH-A3 or other manufactures compatible pellistor cells. Thus providing complete PID capability in a package that has the same dimensional and electrical profile as Pellistors (providing the electronics input circuit is designed to take the sensor's output range). This opens up an incredible variety of environmental and safety applications in industrial, commercial and residential markets.



The Alphasense PID sensor is offered in two models. They are virtually insensitive to humidity changes, providing unparalleled performance in a variety of applications:

**PID-A1 has a linear dynamic range of 50-ppb to 6,000-ppm (Isobutylene).**

**PID-AH has a linear dynamic range of 5-ppb to 100-ppm (Isobutylene).**

The Sensors include a Detector with 10.6eV Lamp, Lamp Driver, Amplifier Circuitry, Removable and Replaceable Electrode Stack & Particulate Filter.

Arthur W. Burnley – Sales and Marketing Director stated: “Alphasense commitment is always to provide the best product it can in the market for its customers. We constantly improve, develop and introduce new products and the recently released PID range is an excellent example of this. Our policy is to introduce ‘best by design’ sensors, not ‘me too’ products. These PID sensors have already been fully tested and adopted by a number of OEM’s and are beginning to replace our competitors products. A major benefit is the much lower cost for replacement lamps and the ability to replace the electrode stack at a nominal cost. Alphasense maintains its commitment to customers by continuing to supply the highest quality sensors with on-time delivery every time allied to exemplary support.”

For further information contact: [sensors@alphasense.com](mailto:sensors@alphasense.com)

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*Please contact Arthur W. Burnley for further information*

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