

H-Series – a sensor of epic proportions

With a compact square footprint and 9 sensor models from launch, the new H-series range from Alphasense sets a new standard in small-form gas sensors.

At just 1/3 the height of traditional sensors, H-Series gives instrument manufacturers flexibility to make smaller, stronger and smarter devices.

Available for a range of toxic and exotic target gases, and compatible with other similar formats, H-Series gives instrument manufacturers freedom of choice in supply and the ability to widen their product portfolios.

Key features

- Available for 9 target gases
- Compact design based on proven D-Series format
- 45% smaller than traditional formats
- 65% lighter than industry standard
- Interchangeable with similar sensor formats



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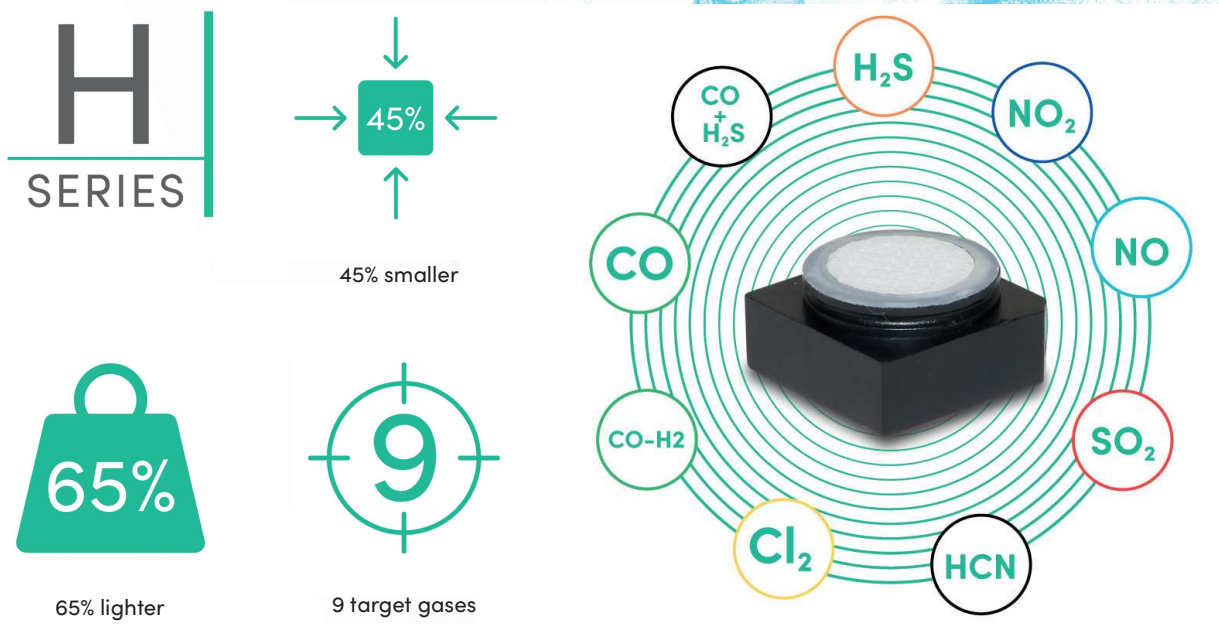
Small wonder

The H-series delivers a sensor package which is 45% smaller than traditional formats. When considering a 4-gas device, this representing a volume reduction of 13cm³.

With sensors typically consuming a large percentage of an instruments internal volume, the H-series frees up space in the core of a device, creating room for additional hardware and making pocket size instruments a reality.

The H-series also represents an advancement in weight reduction, coming in 65% lighter than the industrial standard.

In choosing H-series sensors over traditional formats, instrument manufacturers can deliver devices which are thinner, lighter smarter and more robust.



Engineered to perform, built to last

The H-series is built off the back of the Alphasense D-series sensor which has been commonplace in portable devices for over 15 years now. Having been field-proven in a host of applications and environments, the technology employed within the H-series is guaranteed to perform.

With a pad interface in place of traditional pins, the H-series negates the need for PCB sockets, eliminating a common failure point, making sensor changes easy and enhancing flexibility.

Compatibility with other similar formats give instruments manufacturers freedom of choice when it comes to sensor selection. With the exception of the dual CO/H₂S variant, H-series sensors share the same pad format, making sensors interchangeable between slots, allowing sensors to be mixed and matched or duplicated where redundancy is required.

To find out more, visit alphasense.com or email sensors.alphasense@ametec.com

