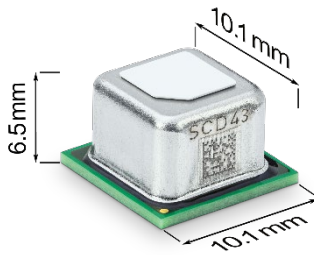


## Accuracy you can trust, building standard compatibility you need: Sensirion launches upgraded photoacoustic CO<sub>2</sub> sensor

We are excited to announce the upcoming launch of SCD43, the latest Photoacoustic NDIR CO<sub>2</sub> sensor from Sensirion. SCD43 is compatible with ASHRAE 62.1 Draft Addendum d and will be available to customers and via Sensirion's distribution partners in summer of 2025.



SCD43 CO<sub>2</sub> sensor (Source: Sensirion AG)

Stäfa, Switzerland – SCD43 is a drop-in upgrade based on Sensirion's market-proven SCD4x platform. The sensor will offer customers a compact, high-accuracy CO<sub>2</sub> sensor that fulfills the requirements of the most stringent building standards. This includes the requirements of the current draft of Addendum d to the American ASHRAE 62.1 standard for demand-controlled ventilation (DCV) systems.

SCD43 is the result of many years of experience with and continued research and development efforts into the SCD4x Photoacoustic NDIR CO<sub>2</sub> sensor platform. Refined manufacturing and calibration processes enable a sensor specified to the industry's "best-in-class" measurement accuracy of  $\pm(30\text{ppm} + 3\% \text{ m.v.})$ .

For more information, please visit the [SCD43 product page](#)

### Key features of SCD43:

- Comprehensive building standard compatibility
- "Best-in-class" accuracy specification of  $\pm(30\text{ppm} + 3\% \text{ m.v.})$
- Drop-in upgrade for SCD4x sensors
- Compact form factor of 10.1 x 10.1 x 6.5 mm
- SMD solderable

**About Sensirion – Experts for Environmental and Flow Sensor Solutions**

Sensirion is one of the world's leading developers and manufacturers of sensors and sensor solutions that improve efficiency, health, safety, and comfort. Founded in 1998, Sensirion now employs around 1'200 people at its headquarters in Stäfa, Switzerland and in numerous international subsidiaries. Sensirion sensors can be used to measure a wide range of environmental parameters and flow rates precisely and reliably. The company's aim is to make the world smarter with advanced sensor technology. As a pioneer in innovation, Sensirion develops solutions for the specific needs of customers and partners from the automotive, industrial, medical technology and consumer electronics markets, as well as high-quality products for cost-efficient mass production. More information and current key figures are available at [www.sensirion.com](http://www.sensirion.com).