

# Sensirion Evaluation Kit for Environmental Sensors

## Fast and Easy Evaluation for Your Sensor Application

The evaluation kit SEK-Environmental Sensing is designed for a quick, easy and cost-efficient evaluation of Sensirion's environmental sensors. This facilitates to evaluate sensors and develop innovative sensor applications.



The kit combines plug-and-play hardware with an easy-to-use **viewer software (ControlCenter)** for in-depth evaluation. Each evaluation kit includes a **Sensirion SensorBridge**, all required connector cables, as well as various sensor samples. The SensorBridge features two independent I<sup>2</sup>C channels that allow simultaneous evaluation of two environmental sensor samples. The ControlCenter viewer software makes it possible to display and log the sensor signals for multiple sensors connected to several SensorBridges on the same PC.

## Choose Your SEK - Evaluation Kit

Output	Evaluation Kit		
	SEK-SHTxx/SGP30	SEK-SGPC3	SEK-SCD30
Humidity	x	x	x <sup>1)</sup>
Temperature	x	x	x <sup>1)</sup>
CO <sub>2</sub>			x
tVOC	x	x	
CO <sub>2</sub> eq	x		

1) Sensor integrated on main sensor module PCB

Name	Content		
	Humidity & Temperature Sensors on Flex PCB	Gas Sensors on Flex PCB	CO2 and RH/T Sensor Module
SEK-SHTxx/SGP30	1x SHTC3, 1x SHTW2, 1x SHT31-DIS B, 1x STS31-DIS	1x SGP30	-
SEK-SGPC3	1x SHTC3, 1x SHTW2, 1x SHT31-DIS B, 1x STS31-DIS	2x SGP30	-
SEK-SCD30	-	-	1x SCD30

## Features

- Fast and easy evaluation of all environmental sensors
- Simultaneous evaluation of up to two environmental sensor samples per kit
- Plug-and-play connection to a computer
- Several SensorBridges can be connected to one computer
- **ControlCenter** viewer software for data logging

## Content

- Various sensor samples depending on version
- 2x sensor sample connection cables
- 1x USB 2.0 cable, type A - Micro B