

Sensirion Product Launch Package: **Particle Matter Sensor, SPS30**

1. General information

The SPS30 particulate matter (PM) sensor represents a new technological breakthrough in optical PM sensors. Its measurement principle is based on laser scattering and makes use of Sensirion's innovative contamination-resistance technology. This technology, together with high-quality and long-lasting components, enables accurate measurements from the device's first operation and throughout its lifetime of more than eight years.

Particulate Matter Sensor for HVAC and Air Quality Applications:

- Unique long-term stability
- Advanced particle size binning
- Superior accuracy in mass-concentration sensing
- Small, ultra-slim package and fully calibrated digital output

Target applications (not a complete list):

- Air Purifiers
- HVAC Equipment
- Demand-controlled ventilation systems
- Air conditioners
- Air quality and environmental monitors
- Smart home and IoT devices

Official Release date with start of shipments: **November 1st, 2018**

Sensirion Product Page:

<https://www.sensirion.com/en/environmental-sensors/particulate-matter-sensors-pm25/>

Attached documentation:

- Sensirion Product Brochure Particulate Matter Sensor
- Preliminary Datasheet SPS30 (will also be on Sensirion Page by end of October)

Following soon:

RoHS, REACH Certificate will be on Sensirion Page till end of October

2. Commercial information

SPS30 product order code: **1-101638-10**

"Packaging Type and order unit"	Packaging Content [pcs]	Packaging Weight [kg]	Packaging Width [mm]	Packaging Length [mm]	Packaging Height [mm]	Harmonized Code	Country of Origin
<i>Trays enclosed in ESD bag</i>	<i>Preliminary</i> 56	<i>Preliminary</i> < 2.5 kg	<i>Preliminary</i> 460	<i>Preliminary</i> 670	<i>Preliminary</i> 45	9027.50	China

Sensirion Evaluation Kit: SPS30 with FTDI cable + Sensirion control center software:

Order code: 3.000.119





