

# Aerosol sensor welas<sup>®</sup> 2070 HP



Aerosol sensor pressure-resistant up to 10 bar over-pressure and heatable up to 120 °C



## Benefits

## Applications

- Determination of the separation efficiency of car interior filters, engine air filters, room air filters, compressed air filters, vacuum cleaner filters, cleanable filters, electrostatic precipitators, oil separators, cooling lubricant separators, wet scrubbers, cyclones and other separators
- Isothermal and isobaric particle size and quantitative determination, for instance in the automobile, chemical, pharmaceutical and food industries
- Analysis of fast, transient processes
- Inspection of smoke detectors
- Particle formation for cloud formation
- Emission measurements
- Immission measurements



<https://www.palas.de/product/aerosolsensorwelas2070hp>

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## Datasheet

<i>Parameter</i>	<i>Description</i>
<b>Measurement range (size)</b>	0.2 – 40 µm (3 measurement ranges)
<b>Measurement range (number C<sub>N</sub>)</b>	0 – 10 <sup>6</sup> particles/cm <sup>3</sup>
<b>Thermodynamic conditions</b>	250°C, 10 bar
<b>Volume flow</b>	5 l/min (others on demand)
<b>Light source</b>	Xenon arc lamp 35 W
<b>Dimensions</b>	50 • 250 • 100 mm (H • W • D)
<b>Weight</b>	approx. 2,8 kg
<b>Cuvette</b>	Heatable and pressure-resistant

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