

Aerosol sensor pressure-resistant up to 10 bar over-pressure



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/aerosolsensorwelas20170p>

Aerosol sensor welas[®] 2070 P



Datasheet

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

Palas GmbH
Partikel- und Lasermesstechnik
Greschbachstrasse 3 b
76229 Karlsruhe
Germany

Managing Partner:
Dr.-Ing. Maximilian Weiß
Commercial Register:
register court: Mannheim
company registration number: HRB 103813
USt-Id: DE143585902



Contact: E-Mail: mail@palas.de Internet: www.palas.de Tel: +49 (0)721 96213-0 Fax: +49 (0)721 96213-33