

Aerosol sensor with optical fibre technology for number concentrations up to 1,000,000 particles/cm³



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

Model Variations

model available in additional variations
... more variations available



<https://www.palas.de/product/aerosolsensorwelas2070>

Aerosol sensor welas[®] 2070



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, -100 - +50 mbar _g
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

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

Managing Partner:
Dr.-Ing. Maximilian Weiß, Dr. Daniel Auer
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