



Aerosol generator for the defined atomization of oils with very high mass flows of up to 300 g/h

Benefits

- Very high mass flow of up to 300 g/h
- Excellent short-term and long-term dosing constancy
- Heatable
- Best reproducibility with respect to particle size distribution and particle concentration
- Large mass volume range (very low and very high)
- Long dosing time over several days with automatic refilling (optional)
- Robust design (optionally resistant against chemically aggressive liquids)
- Compact and light
- Easy to operate, proven in industrial applications

Applications

- Filter industry/oil separators
 - Determination of separation efficiency
 - Determination of fractional separation efficiency
 - Loading test
- Test of cooling lubricant separators
- Comparison of particle measurement devices
- Tracer particles

Model Variations



PLG 2300 S

Heated version of the PLG 2300 with automatic refill unit

<https://www.palas.de/product/plg2300s>



<https://www.palas.de/product/plg2300>

Datasheet

Parameter	Description
Volume flow	15 - 75 l/min
Power supply	115 - 230 V, 50 - 60 Hz
Dimensions	410 • 350 • 380 mm
Weight	approx. 18 kg
Mass flow (particles)	300 g/h (white oil)
Aerosol outlet connection	Ø _{inside} = 60 mm, Ø _{outside} = 75 mm
Special features	Heatable up to 80°C
Mean particle diameter (number)	1.5 µm (DEHS)
Filling quantity	1 l

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