



Aerosol generator for the defined atomization of oils, e.g. for blow-by applications

Benefits

- 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
- Used on the HMT 1000 filter test rig to test oil nebulizers
- Comparison of particle measurement devices

Model Variations



PLG 2100 S

Heated version of the PLG 2100 with automatic refill unit

<https://www.palas.de/product/plg2100s>



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Datasheet

Parameter	Description
Volume flow	3 – 110 l/min
Power supply	115 – 230 V, 50 – 60 Hz
Dimensions	440 • 380 • 380 mm
Weight	approx. 16 kg
Mass flow (particles)	< 100 g/h (white oil)
Aerosol outlet connection	Ø _{inside} = 32 mm, Ø _{outside} = 42 mm
Special features	Heatable up to 120°C
Mean particle diameter (number)	1.5 µm
Filling quantity	1 l

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