



Aerosol generator for the defined atomization of oils and use on filter test rigs

Benefits

- Excellent short-term and long-term dosing constancy
- Best reproducibility with respect to particle size distribution and particle concentration
- Large mass volume range (very low and very high)
- Robust design (optionally resistant against chemically aggressive liquids)
- Compact and light
- Easy to operate, proven in industrial applications
- Reliable function
- Low maintenance

Applications

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



<https://www.palas.de/product/plg1000>

Datasheet

<i>Parameter</i>	<i>Description</i>
Volume flow	1 - 23 l/min
Dimensions	280 • 130 • 100 mm (H • W • D)
Weight	approx. 2 kg
Mass flow (particles)	2.5 g/h
Aerosol outlet connection	Ø _{inside} = 11 mm, Ø _{outside} = 14 mm
Mean particle diameter (number)	0.4 µm (DEHS)
Filling quantity	70 ml

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