

PLG 3000 Aerosol Generator



Aerosol generator for the atomization of aerosols under positive pressure values of up to 7 bar

Benefits

- Mass flow of 0.2 – 12 g/h conforms to the requirement as per ISO 12500-1
- Very exact volume flow control with use of mass flow controller

Applications

- Testing compressed air filters
- Measuring the fractional separation efficiency of compressed air filters



<https://www.palas.de/product/plg3000>

PLG 3000 Aerosol Generator



Datasheet

Parameter	Description
Volume flow	10 – 35 l/min
Dimensions	300 • 160 • 100 mm (H • W • D)
Weight	approx. 4 kg
Mass flow (particles)	0.2 – 12 g/h
Aerosol outlet connection	Ø _{inside} = 26 mm, Ø _{outside} = 29 mm
Special features	Pressure-resistant up to 10 bar (overpressure)
Mean particle diameter (number)	0.4 µm (DEHS)
Filling quantity	approx. 500 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