



Heated version of the PLG 2100 with automatic refill unit

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
- Tracer particles
- Flow visualization



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

Datasheet

Parameter	Description
Volume flow	3 - 110 l/min
Power supply	115 - 230 V, 50 - 60 Hz
Dimensions	440 • 380 • 390 mm
Weight	approx. 18 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 100°C, with automatic refilling unit
Mean particle diameter (number)	1.5 µm
Filling quantity	1 l

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