PLG 2000



The PLG 2000 is a cold atomizer intended for use in air-conditioned rooms. If the room cannot be air-conditioned, then a heatable version of the device should be used, e.g., PLG 2000 H.

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
- Test of cooling lubricant separators
- Comparison of particle measurement devices
- Tracer particles

Model Variations



PLG 2000 H

Version heatable up to 100 °C

https://www.palas.de/en/product/plg2000h



PLG 2000 HS

Heated version with automatic refill unit

https://www.palas.de/en/product/plg2000hs

DATASHEET

Volume flow	10 – 35 l/min
Mass flow (particles)	20 g/h (white oil)
Filling quantity	300 ml
Aerosol outlet connection	$Ø_{inside}$ = 9 mm, $Ø_{outside}$ = 12 mm
Mean particle diameter (number)	0.4 μm (DEHS)
Dimensions	300 • 330 • 270 mm (H • W • D)
Weight	Approx. 9 kg