

# 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	$\varnothing_{\text{inside}} = 9 \text{ mm}, \varnothing_{\text{outside}} = 12 \text{ mm}$
Mean particle diameter (number)	0.4 $\mu\text{m}$ (DEHS)
Dimensions	300 • 330 • 270 mm (H • W • D)
Weight	Approx. 9 kg