PLG 2000 H



Unlike the PLG 2000, the PLG 2000 H has a built-in heating unit reaching 100 °C.

The PLG 2000 H complies with the requirements of ISO 16890 and EN 779 (withdrawn) for ventilation filters.

The heating of the oil changes the number concentration and particle size distribution of the material to be dispersed due to a change in the viscosity. This additionally enables materials to be distributed, which cannot be nebulized at cooler temperatures due to their viscosity.

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
- Flow visualization

DATASHEET

Volume flow	10 – 35 l/min
Mass flow (particles)	< 20 g/h (white oil)
Filling quantity	300 ml
Power supply	115 – 230 V, 50/60 Hz
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. 11 kg
Special features	Heatable up to 100°C