PLG 2100 S



In addition to a built-in heating unit, the PLG 2100 S generator is equipped with an 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

DATASHEET

Volume flow	3 – 110 l/min
Mass flow (particles)	< 100 g/h (white oil)
Filling quantity	1,000 ml
Power supply	115 – 230 V, 50/60 Hz
Aerosol outlet connection	$Ø_{inside}$ = 32 mm, $Ø_{outside}$ = 42 mm
Mean particle diameter (number)	1.5 μm
Dimensions	440 • 380 • 390 mm (H • W • D)
Weight	Approx. 18 kg
Special features	Heatable up to 100°C, with automatic refilling unit