

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 | $\varnothing_{\text{inside}} = 32 \text{ mm}$, $\varnothing_{\text{outside}} = 42 \text{ mm}$ |
| 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 |