

PLG 3000



The PLG 3000 is used for fractional separation efficiency measurement and loading with oil aerosols as per ISO 12500-1. The oil quantity can be adjusted using the dispensing volume flow between approx. 0.2 – 12 g/h. The PLG 3000 aerosol generator is designed to be pressure-resistant up to 7 bar positive pressure (higher pressure values upon request).

BENEFITS

- Mass flow of 0.2 – 12 g/h conforms to the requirement as per ISO 12500-1
- Very exact volume flow control with use of mass flow controller

APPLICATIONS

- Testing compressed air filters
- Measuring the fractional separation efficiency of compressed air filters

DATASHEET

| | | | |
|---------------------------------|----------------|---------------------------|---|
| Volume flow | 10 – 35 NI/min | Mass flow (particles) | 0.1 – 2.4 g/h |
| Filling quantity | Approx. 500 ml | Aerosol outlet connection | Ø _{inside} = 26 mm, Ø _{outside} = 29 mm |
| Mean particle diameter (number) | 0.4 µm (DEHS) | Dimensions | 300 • 160 • 100 mm (H • W • D) |
| Weight | Approx. 4 kg | Special features | Pressure-resistant up to 10 bar (overpressure) |