PLG 3000



The PLG 3000 is used for fractional separation efficiency measurement and loading with oil aerosols as per ISO 12500-3. 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

- 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 Nl/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)

NORMS AND CERTIFICATES

ISO 12500-3