AGF 3000

The AGF 3000 was specially developed to supply compressed air filters per ISO 12500-3 until the compressed air filter is saturated. The AGF 3000 system comprises an aerosol generator and an automatic refill unit.

The AGF 3000 is equipped with a binary nozzle developed by Palas, which can also achieve high mass flows of up to 29 g/h. The AGF 3000 aerosol generator is designed to be pressure-resistant with 10 bar inlet pressure and 7 bar outlet pressure.

Benefits

- Pressure-resistant 10 bar inlet pressure and 7 bar outlet pressure
- For continuous loading with refill unit
- High mass flow of up to 29 g/h
- Minimization of compressed air filter loading time
- Very exact volume flow control with use of mass flow controller

Applications

- ISO 12500-3
- Testing compressed air filters
- Loading compressed air filters

DATASHEET

Volume flow	10 – 70 Nl/min
Mass flow (particles)	4 – 29 g/h
Filling quantity	Approx. 7,000 l
Aerosol outlet connection	$Ø_{inside}$ = 26 mm, $Ø_{outside}$ = 29 mm
Mean particle diameter (number)	0.4 μm (DEHS)
Dimensions	180 • 240 mm (Ø • H, AGF 3000) 240 • 440 mm (Ø • H, refill unit)
Weight	AGF: approx. 4 kg, refill unit: approx. 10 kg
Special features	Pressure-resistant up to 10 bar (overpressure), automatical refill unit

NORMS AND CERTIFICATES

ISO 12500-3