AGK 2000

Generation of solid particles out of suspensions, solutions and biological agents

Benefits

- Excellent short-term and long-term dosing constancy
- Wide adjustable particle size range
- Easy filling of the reservoir
- Large reservoir (500 cm^3)
- Robust design, proven in industrial applications
- Easy to operate
- Reliable function, high reproducibility
- Little maintenance required
- Reduces your operating costs

Applications

- Filter industry:
  - Car interior filters
  - ASHRAE room air filters
  - Engine air filters
  - Respiratory filters
- Chemical and pharmaceutical industry
- Generation of tracer particles
- Flow visualization
- Aerosol research

https://www.palas.de/product/agk2000

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Datasheet

Parameter	*Description*
Volume flow	3 – 10 l/min
Weight	approx. 3 kg
Particle material	NaCl, KCL, biological agents and other particles in suspensions
Dosing time	Several hours nonstop
Maximum particle number concentration	ca. 10^7 particles/cm^3
Particle size range	0.005 – 15 µm
Carrier/dispersion gas	random (generally air)
Pre-pressure	4 – 8 bar
Compressed air connection	Quick coupling
Aerosol outlet connection	$Ø_{inside}$ = 20 mm, $Ø_{outside}$ = 30
Volume flow (accessories)	6 – 20 l/min (drying column)
Filling quantity	300 ml

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