BEG 3000 A



This dispersion system can continuously generate low mass flows, e.g., 8 g/h, with optimal dosing constancy and control with automatic mass flow monitoring. The automatic refill and weighing units enable this dispersion system to be successfully used for continuous dosing over several days. Mass flow setting of approx. 8 g/h – 550 g/h based on SAE fine, A2 dust.

Operation principle

Benefits

- Excellent short-term and long-term dosing constancy
- Easy to operate
- Quick and easy to clean
- Remote control or computer-controlled
- Pulse mode
- Easy to fill while in operation
- Large reservoir (1,500 cm^3)
- Long dosing time over several days with the BEG 3000
- Robust design, proven in industrial applications
- Reliable function
- Reduces your operating expenses
- Low maintenance

DATASHEET

Particle size range	0.1 – 200 μm
Maximum particle number concentration	Ca. 10^7 particles/cm^3
Volume flow	80–165 Nl/min
Mass flow (particles)	Typ A: 8 g – 550 g/h (im Bezug auf SAE Fein, A2 Staub)
Filling quantity	15,000 g
Power supply	115 – 230 V, 50/60 Hz
Particle material	Non-cohesive powders and bulks
Dosing time	Several hours nonstop
Pre-pressure	4 – 8 bar
Carrier/dispersion gas	Random (generally air)
Compressed air connection	Quick coupling
Aerosol outlet connection	Type A: $Ø_{inside}$ = 6.4 mm, $Ø_{outside}$ = 10 mm | Type B: $Ø_{inside}$ = 8 mm, $Ø_{outside}$ = 12 mm | Type C: $Ø_{inside}$ = 8 mm, $Ø_{outside}$ = 12 mm
Reservoir volume	1,500 cm^3

Applications

- Loading test of
  - engine filters as per ISO 5011
  - Hot gas filters
  - Bag filters
  - Air filters
  - Cyclones
- Engine crash tests
- Chemical and pharmaceutical industry
- Cement industry

Mehr Informationen:
https://www.palas.de/en/product/beg3000a