BEG 2000 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. 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)
- Automatic mass flow control with the BEG 2000
- Robust design, proven in industrial applications

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)	Type A: 8 g–550 g/h (with reference to SAE Fine, A2 dust), Type B: 100–6,000 g/h (with reference to SAE Fine, A2 dust), Type C: 350–7,300 g/h (with reference to SAE Fine, A2 dust)
Filling quantity	500 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: $Ø_{inside}$ = 6.2 mm, $Ø_{outside}$ = 10 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 test
- Chemical and pharmaceutical industry
- Cement industry

Mehr Informationen:
https://www.palas.de/en/product/beg2000a