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.

工作原理

优势

- 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

技术数据

粒径范围	0.1 – 200 μm
颗粒物最大数量浓度	Ca. 10^7 particles/cm^3
体积流量	80–165 Nl/min
Mass flow (particles)	类型A: 8 g – 550 g/h（针对SAE细尘，A2尘）
Filling quantity	15,000 g
电源	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

应用领域

- 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/zh/product/beg3000a