

BEG 3000 B



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. 100 g/h – 6 kg/h based on SAE fine, A2 dust

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 cm³)
- Long dosing time over several days with the BEG 3000
- Robust design, proven in industrial applications
- Reliable function
- Reduces your operating expenses
- Low maintenance

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

DATASHEET

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|---------------------------|--------------------------------|---------------------------|---|
| 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) | Type B: 100 – 6,000 g/h (with reference to SAE Fine, A2 dust) |
| 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: $\varnothing_{\text{inside}} = 6.4 \text{ mm}$, $\varnothing_{\text{outside}} = 10 \text{ mm}$ Type B: $\varnothing_{\text{inside}} = 8 \text{ mm}$, $\varnothing_{\text{outside}} = 12 \text{ mm}$ Type C: $\varnothing_{\text{inside}} = 8 \text{ mm}$, $\varnothing_{\text{outside}} = 12 \text{ mm}$ |
| Reservoir volume | 1,500 cm^3 | | |