BEG 2000 C







This dispersion system is able to generate high mass flows continuously, e.g., 7.3 kg/h, with optimal dosing constancy and control with automatic mass flow monitoring. Mass flow setting of approx. 350 g/h - 7.3 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)
- Automatic mass flow control with the BEG 2000
- 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

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 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: $\emptyset_{\text{inside}} = 6.4 \text{ mm}$, $\emptyset_{\text{outside}} = 10 \text{ mm} \mid \text{Type B:}$ $\emptyset_{\text{inside}} = 8 \text{ mm}$, $\emptyset_{\text{outside}} = 12 \text{ mm} \mid \text{Type C:}$ $\emptyset_{\text{inside}} = 6.2 \text{ mm}$, $\emptyset_{\text{outside}} = 10 \text{ mm}$
Reservoir volume	1,500 cm ³		