

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

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

DATASHEET

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|---------------------------------------|---|
| Particle size range | 0.1 – 200 μm |
| Maximum particle number concentration | Ca. 10^7 particles/ cm^3 |
| Volume flow | 80–165 NI/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: $\varnothing_{\text{inside}} = 6.4 \text{ mm}$, $\varnothing_{\text{outside}} = 10 \text{ mm}$ Type B: $\varnothing_{\text{inside}} = 8 \text{ mm}$, $\varnothing_{\text{outside}} = 12 \text{ mm}$ Type C: $\varnothing_{\text{inside}} = 6.2 \text{ mm}$, $\varnothing_{\text{outside}} = 10 \text{ mm}$ |
| Reservoir volume | 1,500 cm^3 |