# 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.

## 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 $cm^3$)
- Automatic mass flow control with the BEG 2000
- Robust design, proven in industrial applications

## 应用领域

- 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

## 技术数据

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|---|---|---|---|
| 粒径范围 | 0.1 – 200 $\mu$m | 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 C: 350 – 7,300 g/h (with reference to SAE Fine, A2 dust) |
| Filling quantity | 500 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: $Ø_{inside}$ = 6.2 mm, $Ø_{outside}$ = 10 mm |
| Reservoir volume | 1,500 $cm^3$ | | |