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# BEG 1000 C

Powder disperser with dispersing nozzle for highest mass flows of approx. 350 g/h – 7.3 kg/h

## Description

This dispersion system is able to continuously generate highest mass flows, e.g. 7.3 kg/h, with highest dosing constancy.

# BEG 1000 C

## 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 (1500 $cm^3$)
- Automatic mass flow control with the BEG 2000
- Long dosing time over several days with the BEG 3000
- Robust design, proven in industrial applications
- Reliable function
- Reduces your operating expenses
- Low maintenance

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## Datasheet

| *Parameter* | *Description* |
|---|---|
| **Volume flow** | 5 – 10 $m^3/h$ |
| **Power supply** | 115 – 230 V, 50 – 60 Hz |
| **Dimensions** | 610 • 260 • 340 mm (dosing unit), 195 • 260 • 340 mm (control unit) |
| **Particle material** | Non-cohesive powders and bulks |
| **Dosing time** | Several hours nonstop |
| **Maximum particle number concentration** | ca. $10^7$ particles/$cm^3$ |
| **Mass flow (particles)** | Type C: 350 – 7,300 g/h (with reference to SAE Fine, A2 dust) |
| **Particle size range** | 0.1 – 200 µm |
| **Carrier/dispersion gas** | random (generally air) |
| **Pre-pressure** | 4 – 8 bar |
| **Compressed air connection** | Quick coupling |
| **Aerosol outlet connection** | Type C: $Ø_{inside}$ = 8 mm, $Ø_{outside}$ = 12 mm |
| **Reservoir volume** | 1,500 $cm^3$ |
| **Filling quantity** | 500 g |

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## Applications

- Filter industry: Loading test of
  - engine filters as per ISO 5011
  - Hot gas filters
  - Bag filters
  - Air filters
  - Cyclones
- Chemical and pharmaceutical industry
- Cement industry

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