

# BEG 1000 C



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

## 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<sup>3</sup>)
- 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

## 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



<https://www.palas.de/product/beg1000c>

# BEG 1000 C



## Datasheet

| Parameter                             | Description                                                         |
|---------------------------------------|---------------------------------------------------------------------|
| Volume flow                           | 5 – 10 m <sup>3</sup> /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 <sup>7</sup> particles/cm <sup>3</sup>                       |
| 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 <sub>inside</sub> = 8 mm, Ø <sub>outside</sub> = 12 mm    |
| Reservoir volume                      | 1,500 cm <sup>3</sup>                                               |
| Filling quantity                      | 500 g                                                               |

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