

PAG 1000



The autonomous PAG 1000 (Portable Aerosol Generator) offers maximum flexibility for generating droplet aerosols, for example, from DEHS or low-concentration salt solutions.

The generator is small and, with a weight of only 5 kg, quite handy; being battery-powered makes it independent and quickly ready for operation. The fact that no compressed air connection is required demonstrates its flexible application options even more. A battery charge is sufficient for one working day, and if needed, the device also operates on mains operation.

BENEFITS

- Small, portable
- Easiest handling
- Fast responding qualities
- Internal pump for autonomous operation
- Particle size distribution and concentration
 - Wide setting range by high-/low-switching
 - Highest stability even for very low concentrations
 - Best reproducibility
- Approx. 6 h of operating time in battery mode
- Robust, long-living, low-maintenance
- Cost-effective

APPLICATIONS

- Test of Laminar-Flow-Boxes
- Clean room acceptance test
- Recovery test
- Smoke detector test
- HEPA/ ULPA filter testing
- Laboratory applications
- Flexible aerosol supplies on side

DATASHEET

Volume flow	0.9 – 4.6 l/min	Mass flow (particles)	< 0,9 g/h (DEHS)
Filling quantity	70 ml	Battery operation	Min. 6h (running time), Li-ion batteries 75 Wh (14,4 V; 5.200 mAh), 8 cells, non-removable
Particle material	DEHS and similar oils; NaCl and KCl	Aerosol outlet connection	Ø _{innen} = 7 mm, Ø _{außen} = 8 mm
Dimensions	220 • 160 • 230 mm (H • W • D)	Weight	Approx. 5 kg