

5561

Electrostatic precipitator

Nano aerosol sampler

- Particle collection on different substrates
- Particle size range: 0.8 ... 1 100 nm
- Compatible with all GRIMM DMAs



Features

- Collection of size selected-particles
- Applicable over a wide range of particle sizes
- Capable of handling various flowrates
- Continuously controllable precipitation voltage
- Particle collection on different substrates

Technical data

Precipitation voltage	0 ... 10 000 V, positive polarity, free selectable; negative polarity available on request
Particle size range	0.8 ... 1 100 nm (compliant with GRIMM DMAs)
Sample flow rate	0.3 ... 5.0 l/min (pump not included)
Sampling substrates	Conducting or non-conducting
Sampling electrodes	10 or 20 mm in diameter; magnetic
Status indication	Voltage display and LED
Power supply	100 ... 240 VDC, 50 ... 60 Hz or 12 ... 18 VDC,

Benefits

- Magnetic fixed electrodes
- Collection of size-selected particles
- Compatible with all GRIMM DMAs
- User-adjustable voltage
- LCD for currently set voltage

Power consumption	18 W
Ambient temperature	10 ... 40 °C (50 ... 104 °F)
Ambient humidity	0 ... 95% RH, non-condensing
Absolute pressure range	600 ... 1 100 mbar
Dimensions (h x w x d)	25 x 11.5 x 11.5 cm (9.8 x 4.5 x 4.5 inch)
Weight	2.2 kg (4.9 lbs)