

Bacteria Generator

ABG-1771A



- Bacterial aerosol spray in live state
- Generation amount and size control
- Conforms to the Korean Air Cleaning Association SPS-KACA402-1566, China GB 21551.3:2010 standard
- Can be used for chamber test for air cleaner performance evaluation and wind tunnel test device for air filter performance evaluation Bacteria Generator

Classification	Specification
Operating type	Phase 2 spray nozzle
Bacteria supplying method	Peristaltic pump, ~ 2 ml/min
Bacteria outbreak concentration	$> 5 \times 10^4$ CFU/m ³
Control pressure rang	0 ~ 2 atm.
Control flow range (Sheath Air)	0 ~ 50 L/min
Size (WDH, mm)	Controller_400 x 475 x 400. Column_φ 150, 500 H
Weight (kg)	20 (Include Column and Control Box)

NaCl Generator

(ML-1691, for mask leakage performance evaluation)



Classification	Specification	Classification	Specification
Generation type	Impulse spraying using multi-channel orifices	Particle size distribution	0.02 ~ 2.0 μm
Average particle size distribution	0.6 μm (Mass Median Diameter, MMD)	Generation particle concentration	8 ± 4 mg/m ³
Generation flow rate	3 ~ 12 L/min		

Cigarette Smoke Generator

FSQ-003



Classification	Specification	Classification	Specification
Flow range	1 ~ 5 L/min	Duration of each smoke generation	40 ~ 50 s
Power	AC, Single-phase 220V/50Hz	Maximum output	100W (Including smoke ignition generator output)
Weight	7 kg	External size (DWH, mm)	360 × 270 × 400