

ZR-1300A Aerosol Generator

01

Overview



ZR-1300A Aerosol generator is a special instrument for generating DOP aerosol by Laskin nozzle. The embedded adjusting valve could control the working of 4 or 10 nozzles. When the air flow is 1.4m³/min-56.6m³/min, the output aerosol concentration is 10μg/L-100μg/L. The performance of aerosol complies to national standards, and the device is suitable to institutes of medical device testing, centers of disease control, hospitals, pharmaceutical companies, HEPA filter manufacturers for leakage testing of clean rooms and HEPA filters.



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Standard



- GB 50591-2010** Code for construction and acceptance of cleanroom
- YY0569-2005** Biosafety cabinet
- GB/T13554-2008** High efficiency particulate air filter

03

Features



- ✔ Unique air channel design, stable air flow and balanced particle output.
- ✔ Generate multiple kinds of aerosols, DOP, DOS, PAO....
- ✔ Nebulizing concentration is adjustable in a wide range.



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Technical Parameter



Parameter	Range	Resolution	Error
Working pressure	(60-150) kPa	1 kPa	±0.5%
Particle output range	(1.4-56.6) m ³ /min		
Particle concentration	100μg/L (air flow is 5.6 m ³ /min)		
Particle concentration	10μg/L (air flow is 56.6 m ³ /min)		
Generating method	4-10 Laskin nozzle		
Compressed air	Embedded compressor		
Air type	Multiple size of particles (Cold generating)		
Dimension	(Length 200×Width 500×Height 280) mm		
Noise	<65dB(A)		
Weight	About 18Kg		
Working power	AC220V±10%, 50Hz		
Power consumption	≤500W		