

ZR-1302 Aerosol Generator

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Overview

ZR-1302 Aerosol generator is a special instrument for generating DOP aerosol by Laskin nozzle. The embedded adjusting valve could control the working of 1-3 nozzles. When the air flow is 2.3m³/min-230m³/min, the output aerosol concentration is 10μg/L-100μg/L.

Designed for testing filter systems ranging from small glove boxes to large cleanroom plenums, ZR-1302 provide the ideal solution for creating a polydispersed, submicron aerosol to certify and qualify HEPA filter systems.



ISO 14644-3:2019
NSF/ANSI 49-2019



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Features

- ✔ External compressed air source. Adjustable aerosol concentration output to meet different application requirements.
- ✔ Air flow rates from **23m³/min ~ 230m³/min (810 to 8100 CFM)** for a wide variety of testing requirements.
- ✔ Integrated passive pressure relief valve for increased safety.
- ✔ Generate multiple kinds of aerosols, DOP, DOS, PAO....
- ✔ The particle size distribution of aerosol particles conforms to the standard.

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Specification

Parameter	Range
Particle output range	(1.4-230) m ³ /min, 50~8100 CFM
Particle concentration	100μg/L (air flow rate is 23 m ³ /min)
Particle concentration	10μg/L(air flow rate is 230 m ³ /min)
Generating method	1, 2, 3 Laskin nozzle
External compressed gas	(85~510) LPM 140kPa
Oil loading	1500mL
Air type	Cold generating
Size	(L280×W300×H260) mm
Weight	About 7Kg



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