

Aerosol Generator ZR-1300A



Features

- Built-in air compressor, plug-in power then ready to use.
- Scientific gas path design ensures a stable airflow and balanced particle output.
- Can be used to generate various types of aerosols such as PAO, DOP, DEHS, etc.
- Aerosol concentrations can be regulated over a wide range.



Reference standards

- ISO 14644-3:2019
- GMP
- GB 50591-2010
- NSF/ANSI 49-2024
- BS EN 12469:2000
- IEST-RP-CC034
- JJF1815-2020

Introduction

ZR-1300A aerosol generator is a special instrument using Laskin nozzle to generate PAO aerosol. The built-in regulating valve can be adjusted to work by nozzle with 4 or 10 holes. Aerosol size conforms to international standards. The generator and aerosol photometer ZR-6012 can be used together for leak detection of clean room and high efficiency filter in medical device inspection institute, center of disease control, hospital, pharmaceutical enterprise, HEPA filter manufacturer and so on.

Specifications

Parameters	Scope	Resolution	MPE (Maximum Permissible error)
Pressure range	(0-600)kPa	1kPa	±7kPa
Aerosol Output	(1.4-56.6) m ³ /min (200cfm-2000cfm)		
Suspended particle concentration	100µg/L @ 5.6m ³ /min (200 cfm)		
	10µg/L @ 56.6m ³ /min (2000 cfm)		
Generation method	Laskin nozzle with 4 or 10 holes		
Compressed air	Built-in compressor		
Aerosol type	Polydisperse (cold generation)		
Size (W×D×H)	(W200×D500×H280) mm		
Noise	< 65dB(A)		
Weight	About 18 kg		
Power supply	110-240V/50-60HZ		
Power consumption	< 500W		