

# Aerosol Generator ZR-1302



## Features

- External compressed air source, lighter instrument weight, and higher aerosol concentration.
- Unique air path design, stable air flow, and more balanced particle output.
- Various types of aerosols can be produced, such as PAO, DOP, DOS, etc.
- The aerosol concentration can be adjusted with a large concentration range.
- Aerosol particle size distribution meets the requirements of the standards.

## 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-1302 Aerosol Generator is a special instrument producing DOP liquid test aerosol by using Laskin nozzles. Built-in control valves can be adjusted to select 1, 2 or 3 nozzles for working. The output aerosol concentration can reach 10 $\mu$ g/L-100 $\mu$ g/L at an air flow of 23m<sup>3</sup>/min-230m<sup>3</sup>/min with the aerosol particle size meeting relevant standards. The instrument is suitable for the leak detection of clean rooms and high efficiency filters in the medical device inspection institutes, disease control and prevention centers, hospitals, pharmaceutical companies, high efficiency filter manufacturers, etc.

## Specifications

Parameters	Range
Applicable air volume	(1.4-230) m <sup>3</sup> /min
Suspended particle concentration-1	100ug/L at a 23m <sup>3</sup> /min flow rate
Suspended particle concentration-2	10ug/L at 230m <sup>3</sup> /min flow rate
Working nozzles	1, 2 or 3 Laskin nozzles
External compressed gas	(85-510) L/min, 140kPa
Maximum oil volume	1500mL
Aerosol type	Multiple diameter particles (cold generation)
Host Dimension	(L280 × W300 × H260) mm
Weight	About 7 kg

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