

Particle Diluter ZR-G07



Introduction

ZR-G07 Particle Diluter is a portable instrument for diluting high concentration aerosol, with the aim of achieving the detectable concentration range of the particle counter through the precise dilution of high concentration aerosol samples. The user can calculate the concentration of high concentration aerosol samples according to the measured dilution aerosol concentration and dilution ratio. At the same time, the diluted aerosol reduces the pollution degree of the particle counter and also extends its service life. It can be applied to measure the concentration of high concentration aerosol (the concentration exceeds the measuring range of the particle counter).

Application



Features

- The dilution ratio is stable.
- Compact, portable, and easy to operate.
- Electrostatic pipes can reduce particle loss.
- Maintain the gas characteristics of the original aerosol during operation.
- No external power supply required.

Reference standards

- 14644-3
- JJF 2066-2023
- GB 50591-2010
- GB/T 36066-2018ISO

Packing list



Specifications

Parameters	Range
Average dilution ratio	1:70-1:100 (@0.3 μ m)
Adaptive flow	28.3 L/min
Particle size range	< 50 μ m
Inlet and outlet diameters	14mm
Shell material	Stainless steel
Aerosol	PAO, DOP, Ondina, etc.
Dimension	(L203 × W275 × H206) mm
Weight	About 4 kg
Power supply	None