



KQ-D110

Aerosol Diluter

In cleanrooms and large-scale particle measurement tasks, it is often necessary to accurately dilute aerosol particles, and it is required that the particle size distribution of the aerosol remains unchanged before and after dilution; sometimes, with the help of aerosol dilution, the same measurement device can be used to measure aerosols with both high and low particle concentrations.

The instrument collects a part of aerosol particles through flow control, and the aerosol flow ratio remains unchanged. Bypass air enters the mixing chamber through a HEPA filter, and the two airflows are uniformly mixed to dilute the original particle concentration. Maintaining a certain inlet flow rate can form a fixed particle dilution ratio.



Product Application

- Concentration testing for high-efficiency filter leak tester.
- High-efficiency filter efficiency evaluation system.
- Measurement of high-concentration aerosols.
- Basic aerosol research.

Technical parameters

Model	KQ-D110	KQ-D110-100
Dilution Ratio	Fixed dilution ratio 1:100 (@≥0.3μm)	
Flow Rate	28.3L/min ±5%	100L/min ±5%
Matching Hose	Inner diameter 6mm PVC hose	
Power Requirement	None	
Dilution Ratio Control	Flow regulation	
Dimensions (mm)	Width 150 * Depth 250 * Height 197	
Weight	2.55Kg	
Material	304 stainless steel	

Inject Soul Into The Cleanroom



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