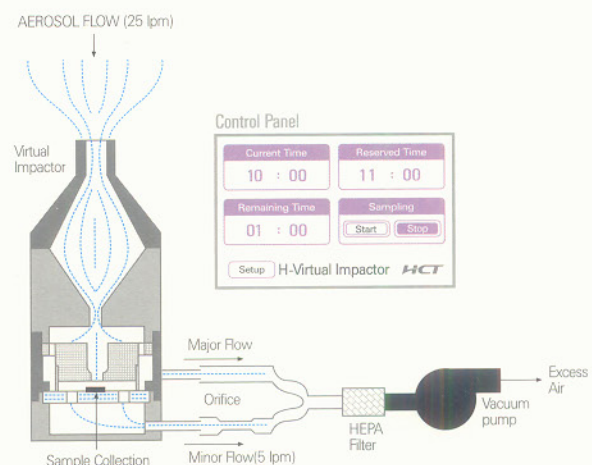




The HCT Impactor series are useful for high flow rate aerosol sampling

Impactor

Impaction is a basic particle motion that has extensive applications in the collection and measurement of aerosol particles. Impactors are devices used for the sampling and size-selective collection of aerosol particles. The HCT Impactor series are useful for high flow rate aerosol sampling in cleanrooms and other controlled environments. Using collected particles, image processing and component analysis can be performed. The HCT Impactor series can check particle sources in your facilities with reliable precision.



Specifications

MODEL		VI-101	VI-104
Type		Virtual Impactor	4 Stage Impactor
Particle Cutoff Diameter		5 μm^*	1, 2.5, 5 and 10 μm^*
Sampling Flow Rate		25 l/min	
Front Panel Display		<ul style="list-style-type: none"> · Touch Screen LCD Panel · Display the present time · Set up the reserved time · Set up the operation time 	
Dimension	Controller	300 L \times 100 W \times 240 H mm	76 A \times 270 H mm
	Impactor	60 \varnothing \times 150 L mm	80 \varnothing \times 260 L mm
Weight		6.2 kg	6.5 kg
Power		100~240 V (Alternating Current), 50~65 Hz	

* It's cutoff dia, is adjustable for customer's requirements.

Applications

- Aerosol Research : Particle Sampling, Collection, Generation and Transport
- Particle Analysis in Clean-Room and Associated Controlled Environments
- Indoor and Outdoor Air Quality Research
- Bio-Aerosol Research



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