

# Infitek

## PCR CABINET



Infitek



Infitek



Infitek



Infitek



Infitek

## Infitek

### Infitek Co., Ltd.

TEL: +86-531-88982330

FAX: +86-531-88983691

Website: [infitek.com](http://infitek.com)

Email: [info@infitek.com](mailto:info@infitek.com)

Service: [support@infitek.com](mailto:support@infitek.com)

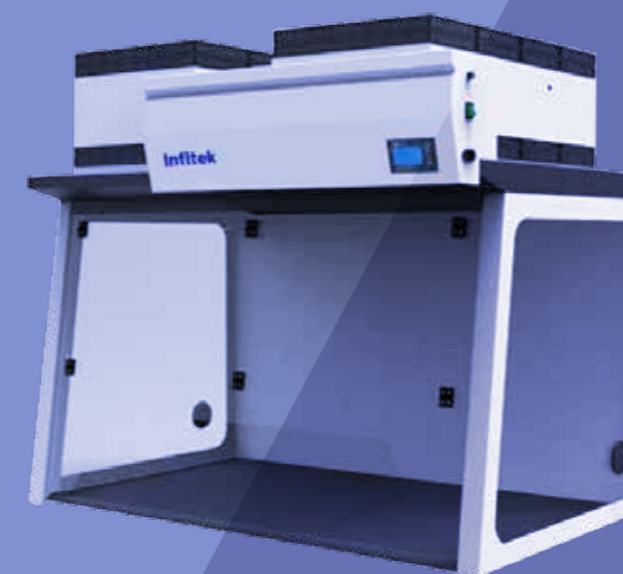
Address: Room 201, Building A, No.1 Qianwan 1st Road, Qianhai  
Shenzhen-Hong Kong Cooperation Zone, Shenzhen (Settled in  
Shenzhen Qianhai Business Secretary Co., Ltd.)

US Office

### INFITEK INC.

522W RIVERSIDE AVE STE N,SPOKANE,WA 99201

EMAIL: [INFO@INFITEK.COM](mailto:INFO@INFITEK.COM)



# PCR Cabinet

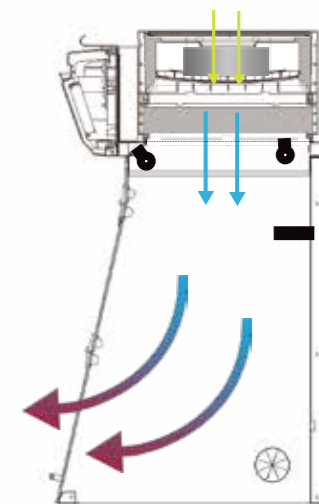
LCB-V800II LCB-V1000II LCB-V1300II LCB-V1600II LCB-V1800II



## Description

This product is mainly used to standardize the safe operation of chemicals and ensure the safety of experimental personnel and property. The product is equipped with a flexible modular filtration system and fan system, which can effectively filter different substances such as gas, powder and mixture of gas and powder. After filtration, clean air circulates indoors.

LCB-V1300II



## Filter type

- HF4TY: It has strong adsorption capacity for acidic gases and is compatible with the adsorption of organic gases. It is a universal filter.
- HF4AM: mainly for ammonia gases, followed by organic gases.
- HF4FM: mainly for formaldehyde, followed by organic gases.
- HF4HP: mainly for particle filtration, for particles larger than 0.3µm, the filtration efficiency is 99.995%.
- HF4YJ: mainly for organic gases, followed by acidic gases.

## Features

- Metal part material: galvanized steel plate, coated with acid and alkali resistant epoxy polyester coating;
- The operating table is made of epoxy resin board;
- Front window material: 8mm transparent acrylic;
- Features of cold fluorescent lighting: safe service life of more than 100,000 hours;
- LED display: 3.5-inch LED smart display, which displays the filter operating temperature, fan speed, instant surface wind speed, filter life countdown, and filter outlet TVOC concentration probe; The fan speed can be adjusted by the user according to usage conditions to ensure negative pressure in the cabinet.
- The TVOC concentration display accuracy at the filter outlet is 0.1PPM, and the alarm value can be set by yourself.
- The surface wind speed detection probe needs to be located on the front baffle of the fume hood, with a display accuracy of 0.1m/s.
- The filtration system has modular functions and can be equipped with corresponding filters for liquid or dust and mixing experiments, and has adsorption functions for 500 common chemical substances.



## Specifications

Model	LCB-V800II	LCB-V1000II	LCB-V1300II	LCB-V1600II	LCB-V1800II
Internal Dimensions(W*D*H)mm	786*560*760	986*560*760	1286*690*760	1586*690*760	1786*690*760
External Dimensions(W*D*H)mm	800*620*890~1350	1000*620*890~1350	1300*790*920~1502	1600*790*930~1502	1800*790*940~1502
Filter Number	2	2	4	6	8
Air volume(m³/h)	240	240	480	720	960
Surface Wind Speed (m/s)	0.4~0.6	0.4~0.6	0.4~0.6	0.4~0.6	0.4~0.6
Noise(dBA)	≤50	≤50	≤54	≤57	≤57
Standard Accessories	Fluorescent lamp*1	Fluorescent lamp*1	Fluorescent lamp*2	Fluorescent lamp*3	Fluorescent lamp*4
	UV lamp*1	UV lamp*1	UV lamp*1	UV lamp*1	UV lamp*1
	Filter*2	Filter*2	Filter*4	Filter*6	Filter*8
	Epoxy resin countertop*1	Epoxy resin countertop*1	Epoxy resin countertop*1	Epoxy resin countertop*1	Epoxy resin countertop*1
Optional Accessories	Painted explosion-proof tempered glass countertop;Base Cabinet; Fluorescent lamp; Filter (HF4TY,HF4AM,HF4FM,HF4HP,HF4YJ)				