

# VITANIX CLASS II BIOLOGICAL SAFETY CABINET VITA FLOW-C2



# CLASS II BIOLOGICAL SAFETY CABINET

## VITA-FLOW-C2

### OVERVIEW

Class II, type Biological Safety Cabinets offer reducing the potential for exposure of both product and peronel to airborne, biological chemical agents, drug preparation or product operations. It is also used in cytotoxic reconstitution.

### Features & Benefits

- Internal stainless steel, acrylic front, side panels and rust proof
- Motorized front window
- Time reserve function. With memory function in case of power-failure
- Automatic air speed adjustable with filter block. Gass and water valves
- ULPA filter life and UV life indicator Hepa filter
- Work area surrounded by negative pressure plenum
- Audio and visual ALarm (over height window, air flow abnormal velocity, filter change etc)
- Remote Control for all maximum function
- Interlock function: LED lamp, Blower and front window, UV lamp and blower, UV lamp and front window
- Foot switch: to avoid airflow turbulence caused by arm movment adjust front window height by foot during experiment
- 7 inch Large touch screen with Intelligent control system: Operators can check detailed status of the cabinet, such as inflow and downflow velocity, work area temperature and humidity, filter pressure, UV working time, filter life indicator etc.



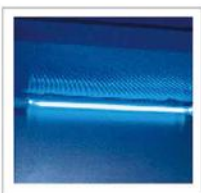
#### Front Window

Two-layer laminated toughened glass>5mm, anti UV



#### Foot Switch

Adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



#### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination.



#### Waterproof Socket

2 waterproof sockets are located in the side wall, for optimum convenience of using small devices inside the cabinet.



#### Remote Control

All functions can be realized with it, making the operation much easier and more convenient.



#### LCD Display

7 Inch touch screen display is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



#### Work Zone

Work zone, made of 304 stainless steel, is surrounded by negative pressure.



#### Footmaster Caster

Universal caster with brake and leveling feet.



# Technical Parameters

## Model Vita Flow-C2

External Size(W*D*H)	1100*750*2210mm
Internal Size(W*D*H)	940*600*660mm
Tested Opening	Safety Height 200mm(8")
Max Opening	420mm(17")
Inflow Velocity	0.53±0.025 m/s
Downflow Velocity	0.33±0.025 m/s
ULPA Filter/Hepa Filter	Two, 99.9995% efficiency at 0.12µm. Filter life indicator.
Front Window	Motorized. Two-layer laminated toughened glass ≥ 5mm. Anti UV.
Noise	EN12469 ≤ 58dB / NSF49 ≤ 61dB
UV Lamp	30W*2 UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Illuminating Lamp	LED lamp 12W*2
Illumination	≥1000Lux
Consumption	600W
Waterproof Sockets	Two, total load of two sockets: 500W
Display	7 inch touch screen display: exhaust filter and downflow filter pressure, filter and UV lamp working time, inflow and downflow velocity, filter life, humidity and temperature, system working time etc.
Control System	Microprocessor
Airflow System	70% air recirculation, 30% air exhaust
Visual and audio alarm	Abnormal airflow velocity; Filter replacement; Front window at unsafe height. High filter pressure alarm.
Material	Work Zone: 304 stainless steel Main Body: Cold-rolled steel with anti-bacteria powder coating.
Work Surface Height	750mm (Size can be customized according to requirements)
Caster	Footmaster caster
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Standard Accessory	LED lamp, UV lamp, Base stand, Remote control, Foot switch, Drain valve, Waterproof sockets*2
*Optional Accessory	Water and gas tap, Electric height adjustable base stand, Armrest, chair
Gross Weight	265kg
Package Size(W*D*H)	1250*990*1770mm

## VITANIX CLASS II BIOLOGICAL SAFETY CABINET



A2 TYPE  
B1 TYPE  
B2 TYPE



# VITANIX

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of  
healthcare



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