

## EN Certified Biological Safety Cabinet



**Color Touch Screen**  
Touch operation, real-time and clearer display of various values and appointment timing function.



**SS Water tap & Gas tap**



**Wind Speed Sensor**



**Stepper Motor**



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



**Footmaster Caster**  
Universal caster with brake and leveling feet.



**European Standard Socket**



**UV Lamp**  
Emission of 253.7 nanometers for most efficient decontamination.

## ADVANTAGE

- 7-inch large touch color display: touch operation, real-time and clearer display of various values of the safety cabinet, dynamic air flow pattern diagram, fault alarm sound and light prompt.
- The power-on password can be set to prevent mis-operation by irrelevant personnel.
- Automatically adjust the wind speed.
- Power-off memory, restore the state before power-off, and have a visual reminder to alarm.
- Side windows on both sides for easy observation.
- The operation area is integrally formed, which is easy to disassemble and clean.
- A breeze speed sensor is equipped at the working area and the outer exhaust air outlet to detect the wind speed in real time.
- It can be used both manually and electrically, and the glass door can be pulled down to close the front window when the power is off.
- The cabinet is separated from the base. The height of the adjustable base can be customized.
- Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.
- It has an appointment timing function, which can automatically set the timing of turning on, turning off and the running time of the UV lamp, fan, and socket.
- The closing of the front window can double trigger the signal, so that the sterilization and disinfection function of the UV lamp can be turned on normally.
- The cabinet is designed with a 10° inclination angle, which conforms to the principle of ergonomics, has a larger viewing angle, is easy to operate and is more user-friendly.

## TECHNICAL PARAMETERS

Model	BIOVELAB-D1000		BIOVELAB-D1200	
External Size(W*D*H)	1087*800*2260mm		1383*800*2260mm	
Internal Size(W*D*H)	980*600*650mm		1280*600*650mm	
Work Surface Height	750mm			
Max Opening	500mm			
Tested Opening	200mm			
Airflow	Inflow	370m <sup>3</sup> /h(218cfm)	490m <sup>3</sup> /h(289cfm)	
	Down flow	65%: 690 m <sup>3</sup> /h(406cfm)	65%: 910 m <sup>3</sup> /h(536cfm)	
	Exhaust	35%: 370m <sup>3</sup> /h(218cfm)	35%: 490m <sup>3</sup> /h(289cfm)	
Volume				
Front Window	Manual and electric, glass thickness> 5mm, anti-ultraviolet			
ULPA Filter	2pcs, filtration efficiency for 0.12um particles≥99.9995%			
Illumination	≥1000Lux			
Noise	EN12469≤65dB			
Display	Color Touch Screen			
European Standard Socket	230V, 3A			
Power Supply	AC 230V, 50Hz			
Rated Power	1100W	1200W		
Alarm	Alarm for abnormal wind speed, alarm for glass door not at safe height, alarm for abnormal power failure			
Motor	AC single fan, Adjustable speed, high efficiency, low power			
Material	Working Area: 304 stainless steel, side window glass; Frame and decorative plate: cold-rolled steel with anti-bacteria powder coating			
LED Lamp	12W*2	14W*2		
UV Lamp	20W	30W		
Standard Accessory	Cabinet*1, Base stand*1, LED lamp*2, UV lamp*1, S.S. water tap*1, S.S. gas tap*1, Drain ball valve*1, European Standard Socket*2			
Optional Accessory	Arm rest, Formalin fumigation sterilizer, Infrared sterilizer, Electric height adjustable base stand			
Package Size (W*D*H)	1240*1060*1880		1530*1060*1880	
Gross Weight	270kg		345kg	