



CLASS II BIOSAFETY CABINET BEM1K3

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CLASS A2 BIOLOGICAL SAFETY CABINET



LCD Display, 7 inch large touch screen is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.

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

Air-Vent

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

Footmaster Caster, Universal caster with brake and leveling feet.

Front Window, Two-layer laminated toughened glass >6mm, 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

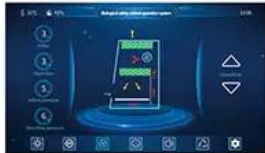
Waterproof Socket, 2 waterproof sockets are located in the side wall, for optimum

SPECIFICATIONS

Model	BEM1K3
External Size(W*D*H)	1500*760*2160mm
Internal Size(W*D*H)	1400*600*660mm
Tested Opening	Safety Height 200mm(8")
Max Opening	460mm(18")
Inflow Velocity	0.53±0.025 m/s.
Downflow Velocity	0.33±0.025 m/s
ULPA Filter	Two, 99.9995% efficiency at 0.12um. Filter life indicator.
Front Window	Motorized. Two-layer laminated toughened glass ≥ 6mm. Anti UV.
Noise	≤ 67dB
UV Lamp	40w*2UV timer, UV life indicator, emission of 253.7 nanometers for most efficient decontamination.
Illuminating Lamp	LED lamp12W*2
Illumination	≥1000Lux
Consumption	1300W
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 steelMain 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	AC220V110%, 50/60Hz; 110V+10%, 60Hz
Standard Accessory	LED lamp*2, UV lamp*2, 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	363kg
Package Size(W*D*H)	1640*980*1830mm
Alt Name	Class II A2 Biological Safety Cabinet

FEATURES

LCD Display, 7 inch large touch screen is easy to monitor all the safety parameters at a glance and ergonomically sized control panel improves user interface.



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



Air-Vent



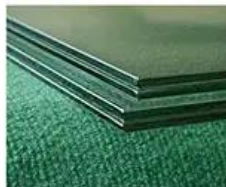
Work zone, made of 304 stainless steel, is surrounded by negative pressure.



Footmaster Caster, Universal caster with brake and leveling feet.



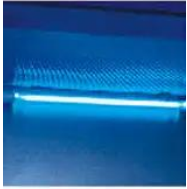
Front Window, Two-layer laminated toughened glass >6mm, Anti UV.



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.



1. The operation perspective is wide and more humanized.
2. Time reserve function.
3. ULPA filter life and UV life indicator.
4. Motorized front window.
5. 'With memory function in case of power-failure.
6. Audio and visual alarm (Abnormal airflow velocity; Filter replacement; Front window at unsafe height; High filter pressure alarm).
7. Self-locking button switch to solve the trouble of losing the key.
8. 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 QN Pro Series Class " A2 and filter working time, filter life indicator.
9. Remote control: all functions can be realized with it, making the operation much easier and more convenient.
10. Interlock function: UV lamp and front window; UV lamp and blower, LED lamp; blower and front window.
11. Foot switch: adjust front window height by foot during experiment, to avoid airflow turbulence caused by arm movement.



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