



## CLASS II A2 BIOLOGICAL SAFETY CABINET BKF-705

# CLASS II BIOSAFETY CABINET BKF-705

## BSC-A2 BIO-SAFETY CABINET



Air curtain isolation design prevents internal and external cross contamination, with 30% air flow discharged and 70% internal circulation, negative pressure vertical flow, and no need to install pipelines.

The front glass can be moved up and down allows for arbitrary positioning which is easy to operate, and complete closure for sterilization.

The positioning height limit alarm prompts.

The power output socket in the work area is equipped with waterproof sockets and sewage outlets, providing great convenience for operators.

HEPA filter is installed at the exhaust area to control emission pollution.

The working area is made of high-quality 304 stainless steel, which is smooth, seamless, and has no dead corners.

## SPECIFICATIONS

|                                         |                                                                                                                  |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Model                                   | BKF-705                                                                                                          |
| Internal Dimensions (W*D*H)             | 1640*650*620                                                                                                     |
| External Dimensions (W*D*H)             | 1800*800*2100                                                                                                    |
| Cleanliness                             | HEPA ISO 5 (Class100)                                                                                            |
| Number of colonies                      | ≤0.5pcs/dish·hour (Φ90mm culture plate)                                                                          |
| Wind speed                              | Average suction wind speed: $\geq 0.55 \pm 0.025$ m/s<br>Average descending wind speed: $\geq 0.3 \pm 0.025$ m/s |
| Filtration Efficiency                   | HEPA of borosilicate glass fiber material: $\geq 99.995\%$ , @0.3μm                                              |
| Noise                                   | ≤65dB(A)                                                                                                         |
| Vibration half peak                     | ≤5μm                                                                                                             |
| Power                                   | AC single phase 220V/50Hz                                                                                        |
| Maximum power consumption               | 1200W                                                                                                            |
| Weight                                  | 270KG                                                                                                            |
| HEPA filter specifications and quantity | 1580x490x50x1120x380x70                                                                                          |
| LED/UV lamp specifications and quantity | 20Wx/40W                                                                                                         |
| Alt Name                                | BSC-A2 Bio-safety Cabinet                                                                                        |

## FEATURES

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The working area is made of high-quality 304 stainless steel, which is smooth, seamless, and has no dead corners.

It can be easily and thoroughly disinfected to prevent corrosion and disinfectant erosion.

Controlled by an LCD panel with built-in UV light protection device, it can only be opened when the safety door is closed.

Equipped with DOP test port and built-in differential pressure gauge. 10 ° inclination angle, in line with human body design concepts.



**Biolab Scientific Ltd.**

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