



CLASS II A2 BIOLOGICAL SAFETY CABINET BKI-603

CLASS II BIOSAFETY CABINET BKI-603

BIOSAFETY CABINET CLASS II2 A2



Secondary biosafety cabinet, air flow mode: 30% discharge, 70% internal circulation.

It conforms to nsf49 and en12469 standards, and the product executive standard is the pharmaceutical industry. The outer box body is made of high-quality cold-rolled steel plate and electrostatic spray plastic; the three sides of the operation area are made of stainless steel integrated structure, and the inner parts that can be cleaned are made of 10 mm large fillet for easy cleaning. Two ULPA ultra-high efficiency filters are equipped as standard, which can achieve 99.999% closure efficiency for 0.12 μm particle system. The filter membrane is made of non barrier borosilicate glass fiber. The control software system is independently developed and has obtained the national software copyright certificate. The LCD screen can display the system parameters such as the working area temperature, ai

SPECIFICATIONS

Model	BKI-603
Internal Size (W*D*H)	1600*520*640 mm
External Size (W*D*H)	1765*760*2200 mm
Cleanliness grade	HEPA: ISO level 5 (Class 100 of 100) / ULPA: ISO level 4 (class 10 of 10)
Filter level / efficiency	HEPA: $\geq 99.995\%$, @0.3 μm / ULPA: $\geq 99.999\%$, @0.12 μm
Descent wind speed	0.33m/s
Suction air speed	0.53m/s
Noise	$\leq 65\text{dB}$
Vibration half peak	$\leq 5\mu\text{m}$
Power / maximum power consumption	AC 220V/50HZ / 1KW
Biosafety personnel protection	CFU of all impact samplers ≤ 10 , CFU of slit samplers ≤ 5
Product protection	CFU of all sampling dishes ≤ 5
Cross contamination protection	CFU of all culture dishes ≤ 2
Specification of air supply filter	1590*470*70*
Specification of exhaust air filter	1130*450*90*
Specification and quantity of fluorescent lamp / UV lamp	40W/40W
Illuminance	$\geq 900\text{LX}$
Weight	300kg
Alt Name	Biosafety Cabinet Class II2 A2

FEATURES

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effectively extending the service life of ultra-high-efficiency filter. A high-sensitivity and high-precision breeze speed sensor is equipped at the working area and the external air outlet to detect the wind speed in real time. Temperature sensor: it can detect and display the temperature in real time.

Equipped with filter pre failure, damage and blocking alarm technology, equipped with fan overload alarm prompt.

Equipped with height limit alarm device, when the mobile glass door exceeds the specified height limit (200mm), the user will be alerted by sound and light.

It is equipped with a working window opening limit alarm system. When the opening height of the front window of the safety cabinet exceeds the set height, when the flow velocity of the down airflow and the flow velocity of the inflow airflow of the safety cabinet fluctuates by more than 20% of its nominal value, the interlocking system will start the alarm prompt.

With UV appointment timing function.

The front window integrated sliding door can be positioned arbitrarily, and can be completely closed for sterilization. The front window glass door shall be made of safety toughened glass with a thickness of no less than 6mm.

Interlock design of front window and germicidal lamp: when the front window is opened, the germicidal lamp is off.

It has the function of parameter memory and call recovery protected by power failure and data loss of dead state.

The front suction inlet adopts the design of unimpeded return air to ensure that the formation of counter current is effectively prevented and the safety is improved during the operation.

10 degree tilt design, more in line with ergonomic power, making the operator more comfortable.

Power supply in the cabinet: waterproof socket design, the whole machine has power-off protection function, making the operation more flexible and convenient.



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