



Cabina de flujo laminar horizontal 1-3 personas

Código: B2-01-010095

Marca: Belltronic

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Detalle

Laminar flow cabinet is a kind of air purification equipment that provides a local dust-free and sterile working environment. It is widely used in biological laboratory, medical and health care and other related industries. It purifies the air entering the work area through high efficiency filters to remove pollutants such as dust and microorganisms in the air, thereby maintaining a relatively clean working environment.

Features

1. The cabinet is designed with a 10° inclination angle, the operation perspective is wide and more humanized.
2. Made of high quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet.
3. Equipped with initial effect filter, which can preliminarily filter large particulate matter, thus improving the service life of the high efficiency filter.
4. Work surface is made of high quality 304 stainless steel material, beautiful and corrosion resistance.
5. The base bracket and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled.
6. 7-inch color touch screen, real-time display of running status(air flow direction, air velocity, machine running time, UV lamp running time, high efficiency filter running time, high efficiency filter running resistance, operating area temperature and humidity, clock display) at a glance.
7. With the function of appointment timing, it can automatically set the time of starting and shutting down the laminar flow cabinet and the disinfection time of ultraviolet lamp.
8. With a key disinfection function, convenient and fast, greatly saving the work time and improving the work efficiency.
9. Perfect alarm system: (1) Ultra-high filter pressure alarm: when the filter resistance increases, sound alarm will be issued. (2) Filter failure replacement alarm: when the filter service life expires, there will be a filter replacement sound alarm.

Especificaciones técnicas

Especificación	1500*800*1730mm	1800*800*1930mm
Modo de flujo	Flujo horizontal	Flujo horizontal
Número de usuarios	1~2	1~3
Potencia nominal	1250VA(incluye carga de tomas del área de operación de 500VA)	2000VA(incluye carga de tomas del área de operación de 500VA)
Alimentación eléctrica	220V±10%, 50Hz(Estándar); 110±10%V, 60Hz(Opcional)	220V±10%, 50Hz(Estándar); 110±10%V, 60Hz(Opcional)
Velocidad del flujo de aire	0.2m/s~0.45m/s	0.2m/s~0.45m/s

Especificación	1500*800*1730mm	1800*800*1930mm
Ruido	≤65dB(A)	≤65dB(A)
Iluminación	≥300lx	≥300lx
Vibración	≤5μm(rms)	≤5μm(rms)
Seguridad	Número de colonias≤0.5CFU/30min	Número de colonias≤0.5CFU/30min
Grado de limpieza	ISO nivel 5(Clase 100)	ISO nivel 5(Clase 100)
Eficiencia de filtración	Filtro HEPA(H14) de alta eficiencia, eficiencia de filtración para partículas de 0.3μm≥99.995%	Filtro HEPA(H14) de alta eficiencia, eficiencia de filtración para partículas de 0.3μm≥99.995%
Altura de la superficie de trabajo	750mm(Personalizable)	750mm(Personalizable)
Accesorio estándar	Lámpara LED*2, lámpara UV*2, base de soporte, toma impermeable*2, sensor de temperatura y humedad	Lámpara LED*2, lámpara UV*2, base de soporte, toma impermeable*2, sensor de temperatura y humedad
Accesorio opcional	Apoyabrazos*2, base de soporte de altura regulable eléctrica	Apoyabrazos*2, base de soporte de altura regulable eléctrica
Peso neto	220kg	260kg
Peso bruto	299kg	355kg
Dimensiones externas (An×Pr×Al)	1500*800*1730mm	1800*800*1930mm
Dimensiones internas (An×Pr×Al)	1400*500*600mm	1700*500*730mm
Tamaño de embalaje (An×Pr×Al)	1760*1010*1340mm	2060*1010*1500mm

Aplicaciones

1. Users and lighting

Compare the number of users and the lighting of the cabinet with those of your work process.

- **Number of Users:** 1~2
 - **Number of Users:** 1~2
 - **Lighting:** ≥300lx
- **Number of Users:** 1~3
 - **Number of Users:** 1~3
 - **Lighting:** ≥300lx

2. Work space

Confirm that the internal dimensions fit the instruments and materials you will work with.

- **Number of Users:** 1~2
 - **Internal Size(W*D*H):** 1400*500*600mm
- **Number of Users:** 1~3
 - **Internal Size(W*D*H):** 1700*500*730mm

3. Installation

Make sure the installation site can supply the electrical power of the unit and has room for its external size.

- **Number of Users:** 1~2
 - **Rated Power:** 1250VA(including operating area socket load 500VA)
 - **External Size(W*D*H):** 1500*800*1730mm



Importadora Gyb Limitada
Padre orellana 1476
Santiago CL13101 Chile

- **Number of Users:** 1~3
 - **Rated Power:** 2000VA(including operating area socket load 500VA)
 - **External Size(W*D*H):** 1800*800*1930mm

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