

Laminar Flow Cabinet HS-1300U

Features

1. Adopt an arbitrary positioning sliding door system.
2. The outer shell is made of cold-rolled steel plate with electrostatic powder coating; the worktable is made of SUS304 brushed stainless steel, which is corrosion-resistant and easy to clean.
3. Lighting and sterilization systems are interlocked for safety.
4. Digital display control interface with three adjustable fan speeds (fast, medium, and slow) and UV lamp timer, offering a more user-friendly design.
5. Vertical quasi-closed worktable; the formation of a downward airflow curtain in the operating room effectively prevents external gas from entering and maintains the cleanliness of the operating area.
6. Equipped with a HEPA filter and a pre-filter for preliminary filtration, effectively extending the lifespan of the HEPA filter.

Parameter

Model	HS-1300U
Cleanliness	Class 100 @ $\geq 0.5\mu\text{M}$ (US Federal Standard 209E)
Colony count	≤ 0.5 cells/plate·hour ($\Phi 90\text{mm}$ culture plate)
Average wind speed	0.25~0.45m/s (three speeds adjustable)
Noise	$\leq 62\text{dB}$ (A)
Illuminance	$\geq 300\text{Lx}$
Power supply	AC single phase 220V/50Hz
Max. Power consumption	490W
Work area size W*D*H mm	1140*570*700
External dimension W*D*H mm	1300*760*1760
Application	Two persons use Double operational side
HEPA filter	675×690×50 ×2
LED/UV lamps	12W×①/30W×①