



LAMINAR AIRFLOW CABINET (Horizontal)



India Office

16 S/F B/S, T-Block Extn.
Jain Colony Part-2 Uttam Nagar,
New Delhi-110059
info@darsunscientific.in
(+91) 9999136670, 7835864003

USA Headquarters

30 N Gould St, Ste R
Sheridan, Wyoming 82801
United States

DarsunScientific

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Darsun Scientific LAMINAR AIRFLOW CABINET

DSB-1800H



Product Details



304 stainless steel table top: the front arc convex design prevents liquid from flowing out and is more safer



Display panel: intelligent control, easy to operate



UV lamp: one button UV lamp sterilization, intelligent interlock to prevent radiation to people



Waterproof socket: prevent liquid from entering the socket, and use electricity safely

DESCRIPTION

The **Laminar Airflow Cabinet** is a specialized laboratory workstation designed to provide a contamination-free environment by directing a constant flow of filtered air across the work area. The cabinet creates a sterile field that is ideal for procedures requiring particulate-free air, such as microbiological work, sterile product preparation, and electronic component assembly.

Product Advantages

High efficiency filter is adopted to ensure air cleanliness ·

Adopting moisture-proof and flame retardant glass fiber high efficiency filter (HEPA), the interception efficiency of solid particles larger than 0.3 micron diameter is greater than 99.99%

The cleanliness meets the CLASS 5 standard in ISO14644.1, which is better than the 100 cleanliness requirements. practical safet

Split underframe makes it easier to move

The base box is detachable, which is flexible to carry and easy to install

Anti-radiation tempered glass is more safer

Adopt transparent anti-radiation tempered glass to increase daylight and keep away from ultraviolet radiation

Sterilization intelligent interlock, automatic control

The illuminating lamp and the UV lamp are interlocked, and the UV lamp can only be turned on when the illuminating lamp is turned off; after the fluorescent lamp is turned on, the UV lamp will be turned off immediately to ensure practical safety

The UV lamp has the function of timing off, and the sterilization time is adjustable within a certain range

Friendly Design

The fan speed can be adjusted to meet user needs

The fan speed is adjustable in multiple gears, which is convenient for users to choose the optimal speed

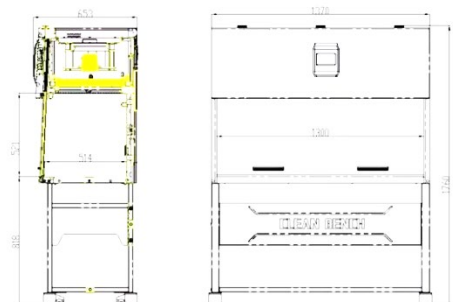
The UV lamp starts with a delay and is safe to use

The UV lamp has a delayed start function to protect the operator from UV damage

Ergonomic design makes work more comfortable

Motorized operating front window is beautiful and ergonomic · The table top is at a suitable height from the ground, both standing and sitting positions are suitable for easy work

Product Dimensions



SPECIFICATIONS

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Model		DSB-1800H
Flow Type		Horizontal
Voltage/Frequency(V /Hz)		AC 220/50
Power(W)		1200
Vibration Amplitude (UM)		2
Exhaust Filter Typical Efficiency		H13 HEPA, 99.99%@0.3um
Average Velocity (M/S)		0.2-0.5
Fluorescent Lamp Intensity(Lux)		>300
Net/Gross Weight (approx)	kg	216/270
	lbs	476/595
Sound Level dB(A)		62
Internal Dimensions (W*D*H)	mm	1700*537*753
	in.	66.93*21.14*29.65
External Dimensions (W*D*H)	mm	1800*792*1962
	in.	70.87*31.18*77.24
Packing Dimensions (W*D*H)	mm	2005*745*1480
	in.	78.94*29.33*58.27
Cleanliness Classification		ISO 14644.1 Class 5
Container Load(20'/40'/40'H)		10/25/25