Product Features

Cat.No.	AS1300	AS1500	AS1800
Filtration efficiency	>99.9995%, @0.12μm		
Air supply and exhaust filters	ULPA filters		
Air Cleanliness	ISO 4 Class		
Execution standards	YY0569(GB 4793.1、GB/T 18268.1)		
Down flow velocity	0.35m/s		
Inflow velocity	0.55m/s		
Noise level	<65 dB		
Vibration	<5μm (center of tabletop)		
Personnel Protection	A.Total colony in impaction sampler <10CFU./time B. Total colony in slot sampler <5CFU./time		
Product Protection	Total colony in culture dish <5CFU./time		
Cross-contamination Protection	Total colony in culture dish <2CFU./time		
Max Consumption(with spare socket)	1.65KW		
Rated Power(without spare socket)	0.33KW		
Internal Dimensions	1180×580×798mm	1380×580×798mm	1680×580×798mm
External Dimension	1300×810×2290mm	1500×810×2290mm	1800×810×2290mm
Support base (with wheel)	1285×710×680mm	1485×710×670mm	1800×710×645mm
Size and Qty. of Light	18W×1		
Size and Qty. of UV Light	20W×1		
Lumin.	≥900LX		
Cabinet Materials	High-grade steel and lacquered in ivory		
Working Area Materials	SS304 fully finished		
Air Direction	Top out		
Power supply	115/230V±10%, 50/60Hz		
Weight	265kg	308kg	375kg

*All products are tested biologically in a controlled environment. Radobio does not guarantee the consistency of field test results under different conditions.

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RADOBIO

BIOSAFETY CABINET (A2)
AS1300 /1500/1800

Ensure the highest level of protection for operator, product and environment, it's a Class II, Type A2 Biological Safety Cabinet.

MULTI-FUNCTIONS ON ONE SCREEN
7 INCH TOUCH SCREEN INTERFACE

7 inch touch screen interface, an interface can real-time display the time schedule of the fan operation, the state of the front window, filter, sterilization lamp life percentage, sterilized and the output of the fan control, lighting, socket and closed operation, check the operation logs and provide alarm function, without having to switch interface.

LOW ENERGY CONSUMPTION
HIGH EFFICIENCY ENERGY-SAVING

Advanced energy-saving design - design low energy consumption, saving 60% energy consumption (compared with the traditional design of ac motor); 60% reduction in heat emissions (compared to traditional AC motor designs); Unique energy saving mode (10% energy saving mode).

Airflow regulation to ensure real-time inflows and low speed stability. The pressure sensor filter monitors airflow measurements through the work area. The protection can be compensated by adjusting the air flow according to the change of filter resistance.

SWITCHING WINDOW AUTOMATICALLY CHANGE OPERATION STATE
UNIQUE CHECK-IN AND POWER MEMORY FUNCTION

Without shutdown, when the experiment process to be suspended before closing window will automatically enter the low speed running state, to maintain the cleanliness operation. Once the front window is opened, it will immediately enter the normal operation state to effectively improve the operation efficiency. In case of accidental power failure, you can return to the state before power failure after power recovery to fully protect the safety of personnel.

HUMANIZED STRUCTURE DESIGN

Moderate height, wind speed velocimeter.
Oversized panel microcomputer control system, human nature sloping front window design.
Comfortable put hand frame, broad working area.
Whole chip working mesa, extraordinary security.
Front window cleaning location design, reduce the maintenance frequency.

"LEAKAGE RESISTANCE" UNIQUE TECHNOLOGY
PREMIUM ULPA FILTER

Using HV companies in the United States of high efficiency, low pressure drop, high strength and low boron content of the air filter, while reducing the pressure drop to extend the service life of the filter. Send, exhaust air filters have "leakage resistance" unique technology, ensure clean air for ISO level 4 (10).

A KEY APPOINTMENT STERILIZATION
RESERVATION STERILIZATION FUNCTION

Users can open a key appointment sterilization, set sterilization after the appointment, click on the switch, sterilization reservation prompt dialog box will pop up to enter the sterilization booking status, click ok after the system will enter a state of sterilization to make an appointment.