

Horizontal Laminar Flow Cabinet



Model : YR0475

Horizontal Laminar Flow Cabinet

Manufacturer : -

Price : \$ 5,000.00

Description :

The laminar air flow process can be described as an airflow where an entire body of air flows at a uniform, even velocity. A laminar flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments. Its objective is to avoid contamination of semiconductor wafers, biological samples or any particulate sensitive material. The air flows through a HEPA filter and blows in a very gentle laminar flow to the user.

The horizontal laminar flow cabinets receive their name due to the direction of the airflow, which comes from above, but which changes direction. Then it is processed through the work in a horizontal direction. The constant flow of filtered air ensures the protection of materials and products.

Horizontal laminar flow cabinet

Laminar couler cabinet is a work bench or similar enclosure that creates a working environment without particles by taking air through a filtration system and exhausting it through a work surface in an air stream laminar or unidirectional. The laminar flow cabinet is enclosed on the sides and maintained under constant positive pressure to prevent infiltration of contaminated ambient air. The linear flow cabinet is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments.

LED Display

Microprocessor control system, LED display

Waterproof socket

Waterproof sockets are located in the side panel, for optimum convenience of using small devices inside the cabinet.

Side glass window

The transparent side glass windows maximize

light and

visibility inside the cabinet, providing a bright and open working environment.

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Parameters by Models:

Horizontal Laminar Flow Cabinet

Model	YR0475	YR0476
External Size (W*D*H)	1100*808*1690mm	1500*808*1690mm
Internal Size (W*D*H)	1000*500*600mm	1400*500*600mm
Work Surface Height	750mm	
Display	LED Display	
Airflow Velocity	Average of 0.30~0.45m/s	
Material	Main Body: Cold-rolled steel with anti-bacteria powder coating	
	Work Table:304 stainless steel	
	Side Windows:5mm toughened glass, anti-UV	
Pre-filter	Polyester fiber, washable	
HEPA Filter	99.999% efficiency at 0.3um	
Noise	<60dB	
LED Lamp	12W*1	16W*1
UV Lamp	20W*1	30W*1
	Emission of 253.7 nanometers	
Consumption	200W	300W
Waterproof socket	Two, total load≤500W	
Caster	Universal caster with leveling feet	
Power Supply	AC220V±10%; 50/60Hz; 110V±10%, 60Hz	
Standard Accessory	LED lamp, UV lamp*2,Base stand, Waterproof socket*2	
Gross Weight	165kg	179Kg
Package Size (W*D*H)	1230*1000*1890mm	1630*1000*1890mm

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Options available for Horizontal Laminar Flow Cabinet :

Variation (V)

YR0476-1 1500*808*1690mm 110V (+\$ 4,100.00),
YR0476-1 1500*808*1690mm 110V,
YR0475 1100*808*1690mm 220V ,
YR0475-1 1100*808*1690mm 110V (+\$ 2,500.00),
YR0475-1 1100*808*1690mm 110V (+\$ 172.87),
YR0476 1500*808*1690mm 220V (+\$ 1,000.00),
YR0476 1500*808*1690mm 220V .