

Vertical Laminar Flow Clean Bench



Model : YR0109

Vertical Laminar Flow Clean Bench

Manufacturer : Kalstein

Price : \$ 3,000.00

Description :

A vertical Laminar Flow Clean Bench is widely used in medical research laboratories, hospitals, manufacturing facilities and other research and production environments. Its purpose is to prevent contamination of semiconductor wafers, biological samples or any particulate sensitive material. The air flows through a HEPA filter and blows into a very smooth laminar flow to the user.

Vertical laminar flow cleaning bench:

These verticals with vertical laminar flow are only lamellar panes. In this case, a workbench or a similar enclosure, which creates a working environment without particles, by taking air through a filtration system and exhaustion on a work surface in an air flow laminar or unidirectional. In order to avoid contaminated air infiltration, the laminar flow cabinet has closed sides that maintain a constant positive pressure.

In the following lines, you will find the technical parameters of the vertical bench bench: Measures 802x650x1550mm (WxDxH) on the outside and 800x600x540mm (WxDxH) on the inside. LED display. The air flow velocity averaged 0.3 ~ 0.5 m / s with adjustable air velocity.

These four models have a HEPA filter with 99.999% efficiency at 0.3 μm. The power consumption is 350W. The accessory standards are: a fluorescent lamp, two UV lamps, a base bracket.

Laminar Flow Cabinet-sample protection only

Laminar Flow Cabinet is a work bench or similar enclosure, which creates a particle-free working environment by taking air

Through a filtration system and exhausting it across a work surface in a laminar or unidirectional air stream. The laminar flow cabinet is enclosed on the sides and kept under constant positive pressure in order to prevent the infiltration of contaminated room air.

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Parameters by Models

Vertical Laminar Flow Clean Bench

Vertical Laminar Flow Clean Bench

Model:	YR0109	YR0109-0
External Size (WxDxH) mm:	802*650*1550	
Internal Size (WxDxH) mm:	800*600*540	
Work Surface Height:	6660mm	
Display:	LED Display	
Airflow Velocity:	Average of 0.3~0.5m/s, air speed adjustable.	
Material:	Main Body: Cold-rolled steel with anti-bacteria powder coating Work Table: 304 stainless steel	
Pre-filter:	Polyester fiber, washable	
HEPA Filter:	99.999% efficiency at 0.3um	
Front Window:	Manual,5mm toughened glass, anti-UV	
Max Opening:	490mm	
Noise:	<60dB	
Fluorescent Lamp:	14W*1	
UV Lamp:	20W*1 Emission of 253.7 nanometers	
Consumption:	350W	
Caster:	Universal wheel with leveling feet	
Power Supply:	AC 220V±10%, 50/60 Hz	AC 110V±10%, 60HZ
Standard Accessory:	Fluorescent lamp, UV lamp*2 (for all models) Water & gas tap (for model YR0479) Base stand (except model YR0479)	
Gross Weight:	116kg	
Package Size (WxDxH) mm:	960*800*1800	

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Options available for Vertical Laminar Flow Clean Bench :

Variation

(YR0109-0) 110V (+\$ 250.00),
(YR0109) 220V.