

HORIZONTAL LAMINAR AIRFLOW



HORIZONTAL LAMINAR AIRFLOW

In a horizontal laminar airflow system, the filtration unit is located at the side of the cabinet which is opening for air into the working area. The filtered air then flows horizontally towards the work surface, sweeping the contaminants along with the flow.

Used in Bioscience, Food processing, Pharmaceuticals, Aerospace, Medical research Laboratories, Hospitals, Research.

LTLAM10 HORIZONTAL LAMINAR AIR FLOW

ETL certification, Satisfy North American market.

With memory function in case of power-failure.

Audio and visual alarm (Abnormal airflow velocity).



SPECIFICATIONS

Model	LTLAM10-1	LTLAM10-2	LTLAM10-4
AirFlow Velocity	80~99fpm		-
HEPA Filter	One,99.995% efficiency at 0.3um		
Pre filter	Polyster fibre, Washable		-
Work Surface Height	750 mm		750mm
Main Body Material	1.0 mm Cold-rolled steel with anti-bacteria powder coating.		
Work Table Material	304 Stainless steel		304 stainless steel
Front Window	5 mm toughened glass, anti-UV.		
LED Lamp	14Wx1	18Wx1	22W x1
Display	LCD display		
Waterproof Socket	One socket (Double type), America standard, Max.Power: 500W		Two, total load≤500W
Standard Accessory	Manually height adjustable base stand,LED lamp, wind speed sensor, waterproof socket , Stainless Steel LV.Bar with 10 hooks		LED lamp, UV lamp x2, Base stand, Gas Tap, Waterproof socket x2, Water Tap
Optional Accessory	UV lamp		Electric height adjustable base stand
Noise	268dB(A)		<65dB
External Size	1100x810x (1720-1980)mm	1500x810x (1720~1980)mm	1800Wx820Dx2070H mm
Internal Size	1000Wx500Dx600H mm	1400Wx500Dx600H mm	1700Wx500Dx570H mm
Package Size	1240Wx1090Dx1250H mm	1640Wx1090Dx1250H mm	1950Wx1060Dx1600H mm
Gross Weight	190kg	265kg	328kg
Consumption	950W		500W
Power Supply	103.5-126.5V, 60Hz, 10A		AC220V±10%, 50/60Hz; 110V±10%, 60Hz
Type	-	-	Horizontal Laminar Flow
Air Flow Velocity	-	-	80~99fpm

Pre-filter	-	-	Polyester fiber, washable
Max Opening	-	-	430 mm
Airflow Velocity	-	-	-
Pre-Filter	-	-	-
Working area Material	-	-	-
Front Window Material	-	-	-
Waterproof Sockets	-	-	-
Illumination	-	-	-

Model	LTLAM10-5	LTLAM10-6	LTLAM10-7
AirFlow Velocity	-	-	-
HEPA Filter	One, 99.995% efficiency at 0.3µm		
Pre filter	-	-	-
Work Surface Height	750~1010 mm		
Main Body Material	1.0 mm Cold-rolled steel with anti-bacteria powder coating.		
Work Table Material	-	-	-
Front Window	-	-	-
LED Lamp	10W x1	14W x1	22W x1
Display	LCD display		
Waterproof Socket	-	-	-
Standard Accessory	Manually height adjustable base stand,LED lamp, wind speed sensor, waterproof socket , Stainless Steel LV.Bar with 10 hooks		
Optional Accessory	UV lamp		
Noise	268dB(A)		
External Size	800x810x(1720~1980)mm	1300x810x(1720~1980)mm	1800x810x(1720~1980)mm
Internal Size	700Wx500Dx600H mm	1200Wx500Dx600H mm	1700Wx500Dx600H mm
Package Size	940Wx1090Dx1250H mm	1440Wx1090Dx1250H mm	1940Wx1090Dx1250H mm
Gross Weight	150kg	225kg	300kg
Consumption	750W	950W	1150W
Power Supply	103.5-126.5V, 60Hz, 10A		
Type	ETL certified Horizontal laminar flow cabinet		
Air Flow Velocity	-	-	-
Pre-filter	-	-	-
Max Opening	480mm		
Airflow Velocity	80~99fpm		
Pre-Filter	Polyester fiber		
Working area Material	304 stainless steel		
Front Window Material	5mm toughened glass, anti-UV.		
Waterproof Sockets	One socket(Double type), America standard, Max. Power: 500W		
Illumination	2300lx		

ACCESSORIES

Accessory Code	Name	For Models
6200812008	Fluorescent lamp	LTLAM10-1, LTLAM10-2
6200812009	UV lamp	LTLAM10-1, LTLAM10-2
6200812010	Base stand	LTLAM10-1, LTLAM10-2
6200812011	Waterproof socket	LTLAM10-1, LTLAM10-2

Accessory Code	Name	For Models
3001011009	Gas tap	LTLAM10-4
3001011010	Total load of two waterproof sockets: 500W	LTLAM10-4
3000810008	UV Lampx2	LTLAM10-4

3001011008	Fluorescent lamp	LTLAM10-4
------------	------------------	-----------

3001011011	Base Stand	LTLAM10-4
3001011012	Water Tap	LTLAM10-4



LTLAM10-1



LTLAM10-2



LTLAM10-4



LTLAM10-5



LTLAM10-6



LTLAM10-7

LTLAM10-3 HORIZONTAL LAMINAR AIR FLOW

- Microprocessor control system with LCD/LED display
- Stainless Steel 304 table for operation
- Cold-rolled steel with anti-bacterial powder coating exterior
- Anti-ultraviolet radiation, toughened glass ($\geq 5\text{mm}$) motorized front and side window
- Washable polyester fiber pre-filter
- Wind speed can be adjusted



SPECIFICATIONS

Model	LTLAM10-3
Air Cleanliness	Class 100
Average Air Flow Velocity	0.3 m/s-0.5 m/s
HEPA Filter	99.99% efficiency at 0.3 μm
UV Lamp	30Wx1
Fluorescent Lamp	28Wx1
Illumination	≥ 350 lux
Vibration Half Peak	≤ 5 μm
Max Opening	520 mm
Front Window	Motorized
Control System	Microprocessor

Caster	Universal Wheel with levelling feet
Chamber Material	Cold-rolled steel coated with anti-bacteria powder coating
Standard Accessory	Fluorescent Lamp, UV Lampx2, Base Stand, Gas Tap, Socketx2
Work Surface Height	720 mm
Internal Size	1200Wx500Dx570H mm
Overall Dimension	1300x825x2000 mm
Packaging Size	1470x1060x1600 mm
Display	LCD
Noise Level	>60 dB(A)
Weight	165 kg
Power	400 W
Power Supply	220 V, 60 Hz



Labtare Analytical Instruments

Email: info@labtare.com | Website: labtare.com