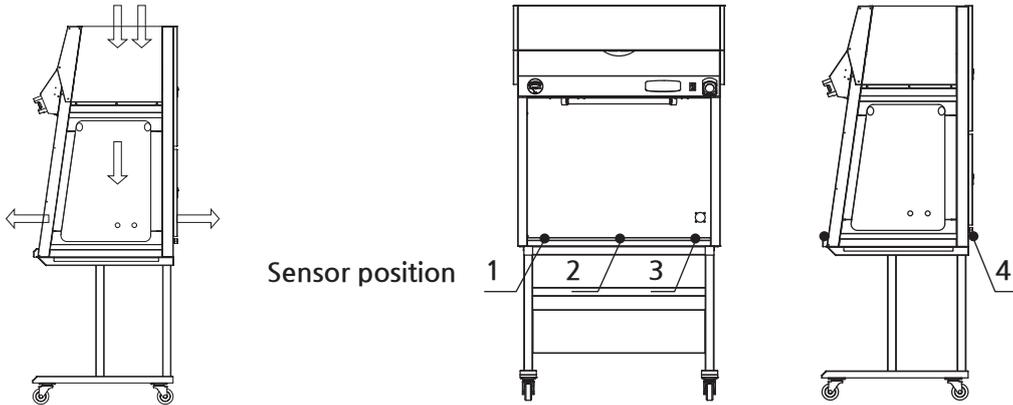


# Laminar Clean Bench -Feature

## Laminar flow sheet



Step \ Position	1	2	3	4
0	0m/s	0m/s	0m/s	0m/s
1	0.2m/s	0.2m/s	0.2m/s	0.1m/s
2	0.6m/s	0.6m/s	0.6m/s	0.4m/s
3	0.9m/s	0.9m/s	0.9m/s	0.9m/s
4	1.9m/s	1.9m/s	1.9m/s	1.8m/s
5	2.2m/s	2.2m/s	2.2m/s	2.1m/s
6	2.4m/s	2.4m/s	2.4m/s	2.2m/s
7	2.3m/s	2.3m/s	2.3m/s	2.3m/s
8	2.3m/s	2.4m/s	2.4m/s	2.3m/s
9	2.3m/s	2.4m/s	2.4m/s	2.3m/s
10	2.3m/s	2.4m/s	2.3m/s	2.3m/s

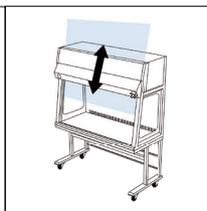
## Feature



Informing filter replacement time



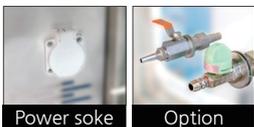
Detachable



Maximize space efficiency



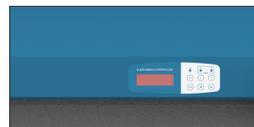
Easy to change consumables



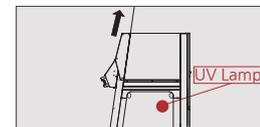
Operation supporting utilities



Safety devices



Digital microprocessor controller



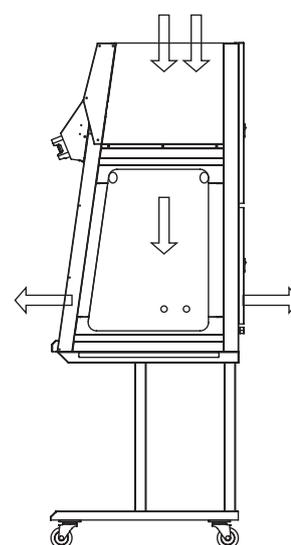
UV Lamp turns off as window opens

# Laminar Clean Bench

The Laminar Clean Bench is suitable for use within a manufacturing area, laboratory or a cleanroom. This unit protects sensitive samples and processes from airborne particulate.

Only extreme air passing down over the process is ensured through the HEPA filtered unidirectional down flow.

This method guarantees that air will be free of any particles and that any particles generated from the process will be pushed away, maintaining it contamination free area.



Model	SH-HD-900V	SH-HD-1500V	SH-HD-1900V
Type	Laminar Vertical Down Flow		
Dimension Internal (W×D×H)	860x613×690mm	1391x613×690mm	1891x613×690mm
	33.86x24.13x27.17"	54.76x24.13x27.36"	74.45x24.13x27.36"
Dimension External (W×D×H)	966x696×1820mm	1496x696×1820mm	1996x696×1820mm
	35.43x30.71x74.80"	59.06x30.71x74.80"	74.80x30.71x74.80"
Weight	130 Kg	190 Kg	230 Kg
Control System	Microprocessor LCD Digital Controller		
Main Filter	Hepa Filter 0.3µm 99.97% Efficient Filter		
Material External	Steel Plate with Powder Heating Coated		
Working Table	Stainless Steel		
Illumination LED Lamp	10W, Length 600mm	20W, Length 1200mm	
Illumination UV Lamp	15W x 1EA	32W x 1EA	
UV Time Range	00.00 to 99HR 59MIN (MIN SEC) Selectable LCD Counter		
Winding Velocity	0.2~2.3M/SEC, 10 Step Adjustable		
Purity	Below to Class 100		
Door Type	Tempered Glass by Weight Balance		
Electrical Requirements	120V,230V, 1ϕ		
Cat. No. 120V, 50Hz	HD900V120-50	HD1500V120-50	HD1900V120-50
Cat. No. 120V, 60Hz	HD900V120-60	HD1500V120-60	HD1900V120-60
Cat. No. 230V, 50Hz	HD900V230-50	HD1500V230-50	HD1900V230-50
Cat. No. 230V, 60 Hz	HD900V230-60	HD1500V230-60	HD1900V230-60

• Option

-Air & Gas Port

• Safety Device

- Fan motor over load Protection
- Automatic reset function incoming power cut
- Buzzer on and UV Lamp cut off when set time arrived
- UV Lamp turns off as window opens
- Emergency stop button