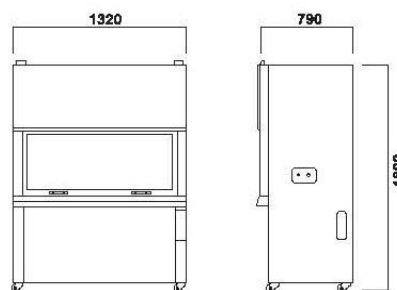
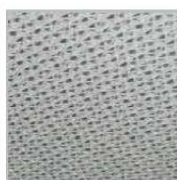



# BIOLOGICAL SAFETY CABINET (NB-602WS/NB-602WSL)


- The primary purpose is to serve as the primary means to protect the laboratory worker and the surrounding environment from pathogens.
- All exhaust air is HEPA-filtered as it exits the bio safety cabinet, removing harmful bacteria and viruses.


**Filter**  
Filter built in work station is used by two sort of it. One of the filters, called PRE Filter is located at air intake removes dust, The other filter, called HEPA is high profile to remove over 99.99% particle (0.3micron) over 99.99%.




**Working Table**  
Working table is manufactured by SU304 H.L in order to be doing well sterilization and cleaning but also Stopper installed at bottom helps work-station keep level and fixed during working. For using microprocessor, totally no vibration type work station is possible to be manufactured by separating table from the Instrument.




**U.V Lamp**  
Two U.V Lamp are installed in Clean Bench, which sterilize a germ in the air and protect against contamination inside work station. 1.set of Lamp is located at above filter to sterilize a germ in the air and the other set of Lamp is located at upper side in chamber to sterilize whole chamber.



**Pressure Gauge**  
By checking the pressure gauge which indicates Internal air pressure, It allows you to notice the filter defects as well as the timing of replacing the filter.




**Low Noise Blower**  
Clean Bench should be low noise and vibration but also required to uniform wind velocity. Design with high efficiency Blower and double dustproof structure ensure efficient performance and no noise.



**Gas Valve, Vacuum Cock**

**Optional Outlet**  
Convenient using with equipped with 110V/220V wall socket



# BIO SAFETY CABINET

## Features

- High efficiency HEPA filters.(Main filter, Pre-filter)
- LCD information display for filter life remaining program in numeral.
- UV lamp prevents contamination of work-environment, of viruses in the air.
- Low noise, high efficiency for blower allows to perform in cabinet in a stable way.
- Smart software can allow to manage 9 step of wind speed.

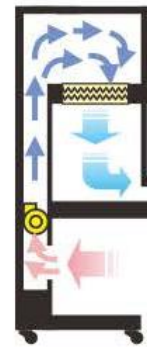
Air Flow Diagram( ※Except Standard Air flow type(Bio Hazard Safety), please contact us for other type air flow.)



Bio-Hazard Safety



Horizontal Air Flow



Vertical Air Flow

## Specification



Items	Unit	NB-602WS	NB-602WSL
Chamber dimensions	mm	840(W)x620(D)x710(H)mm	1200(W)x620(D)x710(H)mm
Overall dimensions	mm	960(W)x790(D)x1890(H)mm	1320(W)x790(D)x1890(H)mm
Illumination	W	F.L 20Wx2ea	F.L 40Wx2ea
Sterilization	W	U.V 20Wx2ea	U.V 30Wx2ea
Blower	HP	1/4HP	1/3HP
Main filter		HEPA Filter(0.3µm 99.99%)	
Pre filter		Nylon Filter	
Exhaust filter		HEPA Filter(0.3µm 99.99%)	
Purity		Class 100	
Wind velocity		0.3~0.45m/sec	
Flow rate		Exhaust 30%, Recirculation 70%	
Door type		Balance weight type	
Material		Stainless steel(SUS304)	
inner		SCP-1 with Powder coating	
outer		Sliding Door Tempered Glass	
door		Less Than 60	
Noise	db	Concent, Gas Cock, Vacuum Dock	
Utility		110/220V, 50/60Hz	
Power	V,Hz W	400W	500W

