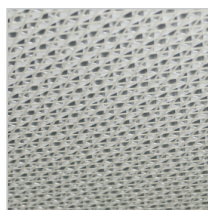
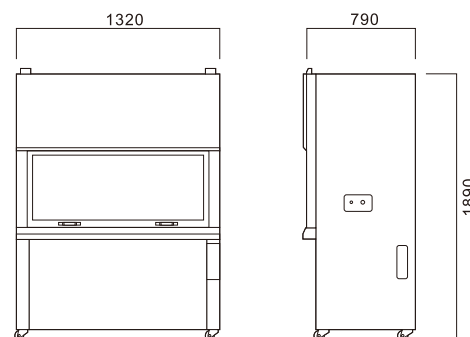
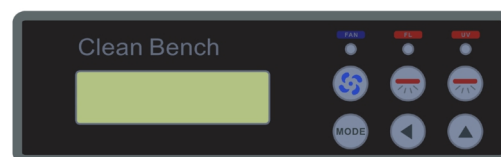


## BIOLOGICAL SAFETY CABINET (NB-602WS/NB-602WSL)

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.



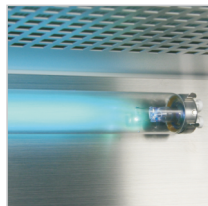
### Filter

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. 1set 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.



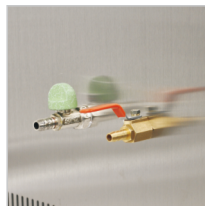
### Pressure Gauge

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

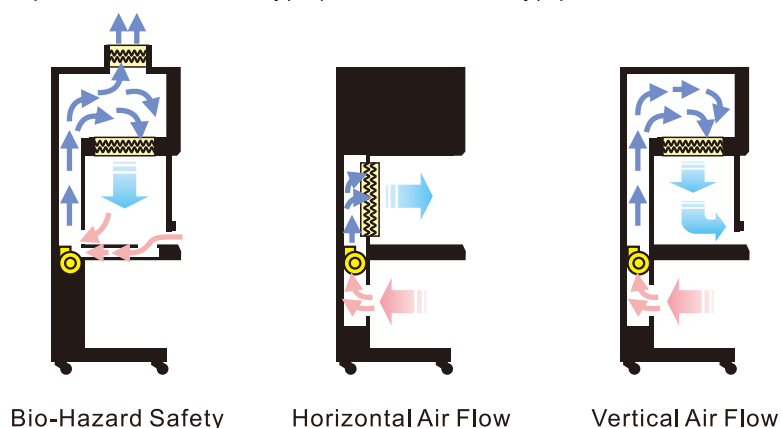
**Optional Outlet**  
Convenient using with equipped with 110V/220V wall socket



## Features

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

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



## Specification

Items	Unit	NB-602WS	NB-602WSL
<b>Chamber dimensions</b>	mm	840(W)x600(D)x710(H)mm	1200(W)x600(D)x710(H)mm
<b>Overall dimensions</b>	mm	960(W)x790(D)x1920(H)mm	1320(W)x790(D)x1920(H)mm
<b>Illumination</b>	W	F.L 20Wx2ea	F.L 30Wx2ea
<b>Sterilization</b>	W	U.V 20Wx2ea	U.V 30Wx2ea
<b>Blower</b>	HP	1/4HP	1/3HP
<b>Main filter</b>		HEPA Filter(0.3μm 99.99%)	HEPA Filter(0.3μm 99.99%)
<b>Pre filter</b>		Nylon Filter	Nylon Filter
<b>Exhaust filter</b>		HEPA Filter(0.3μm 99.99%)	HEPA Filter(0.3μm 99.99%)
<b>Clean liess</b>		Class 100	Class 100
<b>Wind velocity</b>		0.3~0.45m/sec	0.3~0.45m/sec
<b>Flow rate</b>		Exhaust 30%, Recirculation 70%	Exhaust 30%, Recirculation 70%
<b>Door type</b>		Balance weight type	Balance weight type
<b>Material</b>			
inner		Stainless steel(SUS304)	Stainless steel(SUS304)
outer		SCP-1 with Powder coating	SCP-1 with Powder coating
door		Sliding Door Tempered Glass	Sliding Door Tempered Glass
<b>Noise</b>	db	Less Than 65	Less Than 65
<b>Utility</b>		Electric outlet, Gas Cock, Vaccum Cock	Electric outlet, Gas Cock, Vaccum Cock
<b>Power</b>	V,Hz W	110/220V, 50/60Hz 400W	110/220V, 50/60Hz 500W