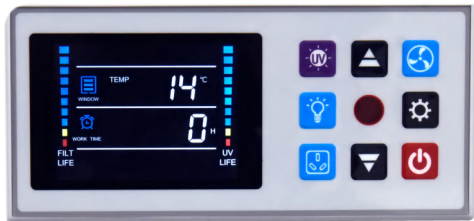# (Economic Type)Horizontal Laminar Flow Cabinet

CE

CE

Reliability

● UV sterilization with UV lamp timing function.

● Side windows are made of UV-resistant tempered glass.

● The host and sockets have independent capacitors to prevent current overload.

● Memory function in case of power-failure.

LCD Display
(Real-time show the Time, Temperature, UV life and Filter life)
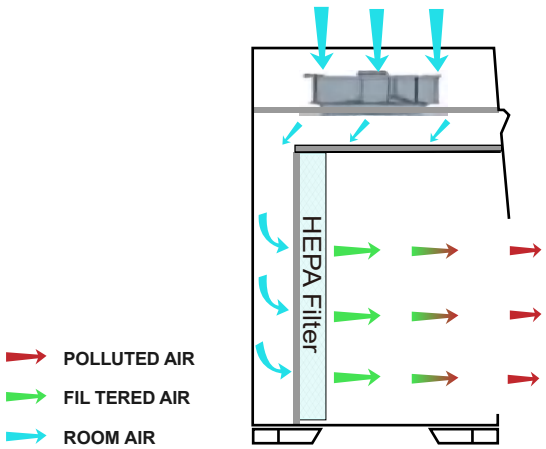
Advantage

● Ergonomic control panel location, centered and angled down for an easy reach & viewing.

● Brushed stainless steel work surface is for easy cleaning.

● The non-direct light source design can effectively relieve the operator's visual fatigue under the condition of ensuring the illumination.

● Intuitive and easy-to-use microprocessor controller with LCD display, graphical and digital display of the operating status of each function, such as filter life, UV life etc.

Waterproof Socket (IP54)

UV Lamp

HEPA Filter

Gas Tap (Optional)

Convenience

● HEPA filter and UV life indicators facilitate a timely replacement plan.

● Two side glass windows installed for easy experiment observation.

● Easy-to-change pre-filter installed could extend the HEPA filter lifetime.

● Equipped with temperature sensor to show the real temperature during operation.

● Waterproof socket provide convenience for small instruments to be used in the operating area.

Airflow Pattern

→ POLLUTED AIR
→ FIL TERED AIR
→ ROOM AIR

Specification

Model		GLCB-H1100E	GLCB-H1300E	GLCB-H1500E	GLCB-H1800E
External Size (W×D×H)(mm)		1100×750×1750	1300×750×1750	1500×750×1750	1800×750×1750
Internal Size (W×D×H)(mm)		1020×510×620	1220×510×620	1420×510×620	1720×510×620
Work Surface Height		750mm			
Control System		Microprocessor controller with LCD display, display the operating status of each function			
Airflow System	Airflow Velocity	0.2~0.5m/s, speed adjustable			
Air Filtration System	Pre-Filter	1pcs, Polyester fiber,washable			
	HEPA Filter	1 pcs, Efficiency: > 99.995% at particle size of 0.3μm			
	Cleanliness Grade	ISO Class 5 (formerly Class 100)			
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial powder coating			
	Work Surface	304 Stainless steel			
	Side Window	5 mm UV resistant tempered glass			
Electrical System	UV Lamp	20W×1	30W×1	30W×1	18W×2
		With timing function, Interlock with LED lamp, blower,Socket. Emission of 253.7 nanometers for best sterilization effect.			
	LED Lamp	6.5W×1	9.6W×1	9.6W×1	6.5W×2
	Consumption	160W	170W	300W	310W
		Not include socket loading power consumption			
	Power Supply	AC220V±10%, 50/60HZ; 110V±10%, 60Hz			
Illumination		≥900Lux			
Sound Emission		≤65dB(A)			
Standard Accessory		1.Base Stand; 2.LED Lamp; 3.UV Lamp; 4.Waterproof Socket×2; 5.Footmaster Caster			
Optional Accessory		1.Air Velocity Sensor; 2.IV Bar with Hooks; 3.Gas Tap			
Net Weight (kg)		150	170	200	225
Gross Weight (kg)		210	230	260	290
Shipping Size (W×D×H)(mm)		1240×930×1255	1440×930×1255	1640×930×1255	1940×930×1255
Shipping Volume (m³)		1.45	1.7	1.9	2.3