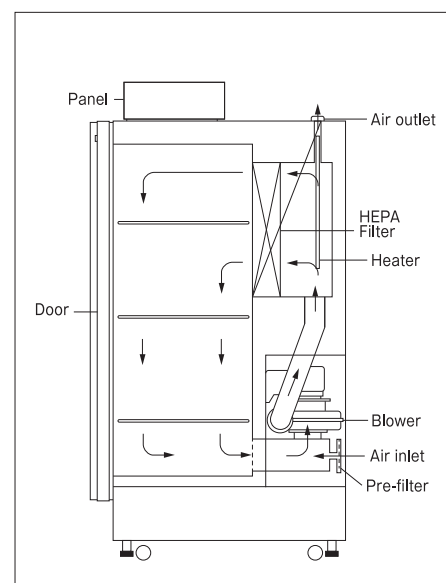


Class1000·Max.80°C CLEAN OVEN

SB-120H series



class 100 series are also prepared.

- **Drying and storage with clean grade class 1000 by HEPA filter**

Reasonable price is realized by means of vertical turbulent circulating air blow and keeping clean grade class 1000.

While the power switch is ON even after drying operation ended, the blower continues operation to circulate clean air through HEPA filter so the materials in the chamber can be stored continuously clean.

- **Middle lower temperature drying**

This series are fit to dry cleanly pharmaceutical or food laboratory instruments with low heat-resistance.

- **Reliable operation**

The digital controller guarantees precise temperature control and distribution. Heat-resisting blower circulates strongly air through filter with partial breath and exhaust to keep clean drying.

- **Shelves of stainless wire net**

Even small materials can be loaded directly on the shelves of stainless wire net (10mm mesh), which do not disturb air blow to keep clean.

- **Differential pressure gauge**

As the differential pressure gauge shows "in how many grade the filter is choked with dust", you can know when you must exchange the present filter to new one.

- **Safety**

Reliable operation safety system : Double overheat protector, upper limiter for temperature setting, breaker for slight leakage, motor thermal relay, heater and sensor break warning.

For stable setting on the floor, 4 adjust bolts are provided.

■ Specifications

Model	SB-120HM	SB-120HL	SB-120HG
Inner size (W×D×H)	600×500×1200mm	800×500×1200mm	1000×500×1200mm
Inner volume	360ℓ	480ℓ	600ℓ
Usable Temperature	Room temperature +5°C~80°C		
Controller	Temperature : 3 digit PID control, 8 steps program Timer : 1 minute ~ 99 hours 59 minutes & continuous		
Distribution accuracy	±4°C at 70°C (no load)		
Clean grade	Class 1000 (While temperature keeps balance... except its going up or down)		
Main filter	HEPA filter (Efficiency : 0.3μm particle 99.9%)		
Pre-filter	Non woven fabric filter (Efficiency 80%)		
Observation window	200×550mm, 1pc.	150×500mm, 2pcs.	200×550mm, 2pcs.
Fan·Motor	Heat resisting blower 0.1kW	Heat resisting blower 0.1kW × 2pcs.	
Cable hole	Inner diameter Φ22mm on the left side		
Safety device	Overheat preventor : auto. set at +5°C over set temp. + individual temp. safety switch (double) Upper set temp. limiter, Heater & sensor break warning. Motor thermal relay, Door lock system Checker of filter choke, Breaker for slight leakage, overcurrent & short circuit		
Material	Inner : Stainless steel (SUS443J1), Outer : Steel with baked enamel, Stainless sheath heater		
Electricity	AC110-240V, 1Φ, 1.2kW	AC110-240V, 1Φ, 1.9kW	AC110-240V, 1Φ, 2.6kW
Outer size (W×D×H) Weight	720×910×1730mm, 150kg	920×910×1730mm, 180kg	1120×910×1730mm, 220kg
Shelves	3pcs. (Stainless wire net 10mm mesh) with loading rails (30mm pitch height adjustable)		



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