



Constant-temperature Incubator

◎ High precision experimental bacterial incubator.

Characteristics:

- Unique vertical double duct supply horizontal air circularly.
- 4 grades 3 speed adjustable speed fan, LED running indicator light.
- Over-temperature protection system: LED red light on meanwhile cut off heating circuit to improve product safety when workroom temperature exceed the alarm value.
- High precision digital independent temperature limiter.
- 304:SUS304 Stainless Steel Body.



Patent No. : ZL 2018 3 0095051.6

Main Technical Parameters:

Model		HI-30BE	HI-45BE	HI-65BE	HI-85BE	HI-125BE	HI-230BE
		HI-30BE(304)	HI-45BE(304)	HI-65BE(304)	HI-85BE(304)	HI-125BE(304)	
Function	Cycle Mode	Forced convection					
	Temp. Range	RT+5~120℃					
	Temp. Resolution Ratio	0.1℃					
	Temp. Motion	± 1℃					
	Temp. Uniformity	± 1.0℃					
Structure	Inner Chamber	Mirror Stainless Steel					
	Outer Shell	Cold rolling steel electrostatic spraying exterior					
	Insulation Layer	High quality foam board					
	Heater	Stainless steel electric heating tube					
	Power Rating	0.4kW	0.5kW	0.7kW	0.9kW	1.1kW	1.5kW
Controller	Exhaust Hole	φ 35mm top(with function of test hole)					
	Temp Control Mode	Two temperature section intelligent PID					
	Temp. Setting Mode	Touch button setting					
	Temp. Display Mode	Measuring temperature: LCD upper screen; setting temperature: LCD lower row					
	Timer	0~9999min(with timing wait function)					
	Operation Function	Fixed temperature operation, fixed timing function, auto stop.					
	Additional Function	Digital Independent temp. limiter, 4 grades 3 speed adjustable speed fan(230 without fan speed adjutor) Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory					
	Sensor	PT100					
Safety Deive		Over temp. sound-light alarm, Digital Independent temp. limiter					
Specification	Inner Chamber Size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550	600*500*750
	Exterior Size (W*L*H)(mm)	460*510*695	500*550*735	550*550*840	590*610*830	636*680*915	735*835*1115
	Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000	710*730*1100	857*885*1287
	Volume	30L	45L	65L	85L	125L	230L
	Shelf Number	5	6	8	8	11	17
	Load Per Rack	15kg					
	Shelf Space	40mm					
	Current Rating	220V/1.8A	220V/2.3A	220V/3.2A	220V/4.1A	220V/5A	220V/6.8A
	NW/GW (kg)	33/37	37/43	44/49	50/56	60/66	94/120
	Shelf Fame	4					
Accessory	Shelf	2					
Optional Accessories		Shelf, U-disk storage, Printer, 3.5-inch color touch screen temperature controller.					