



Constant-temperature Drying Oven

○ Used for drying, baking, heat treatment .

Characteristics:

- In the workroom, the hot air is convective naturally and cyclically.
- PID micro-computer intelligent temperature controller with functions of over-temperature protection.
- Standard highlight LED instrument running light.
- New anti-hot handle.

ECT-BE series have the following characteristics other than the above functions.

- LCD temperature controller.
- Over-temperature protection system.
- High precision digital independent temperature limiter.



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Main Technical Parameters:

Model		ECT-30B	ECT-45B	ECT-65B	ECT-85B	ECT-125B
		ECT-30BE	ECT-45BE	ECT-65BE	ECT-85BE	ECT-125BE
Function	Cycle Mode	Natural convection				
	Temp. Range	RT+10~300℃				
	Temp. Resolution Ratio	0.1℃				
	Temp. Motion	± 1℃				
	Temp. Uniformity	± 3.5%				
Structure	Inner Chamber	Mirror Stainless Steel				
	Outer Shell	Cold rolling steel electrostatic spraying exterior				
	Insulation Layer	High quality rock wool board(with CE)				
	Heater	Nickel chromium alloy heating wire				
	Power Rating	0.8kW	1.2kW	1.6kW	2.0kW	2.5kW
Controller	Exhaust Hole	φ 35mm top(with function of test hole)				
	Temp. Control Mode	Two temperature section PID intelligent				
	Temp. Setting Mode	Touch button setting				
	Temp. Display Mode	B model: display on LED BE model: display on LCD				
	Timer	0~9999min(with timing wait function)				
Specification	Operation Function	Fixed temperature operation, fixed timing operation, auto stop.				
	Additional Function	B model: Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory BE model: High precision digital independent temperature limiter, sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory				
	Sensor	PT100				
	Safety Device	B type: Over temperature sound-light alarm; BE type: Digital Independent Temp. limiter, Over temperature sound-light alarm.				
	Inner Chamber Size(W*L*H)(mm)	310*310*310	350*350*350	400*360*450	450*420*450	500*450*550
Accessory	Exterior Size (W*L*H)(mm)	460*510*695	500*550*735	550*550*840	590*610*830	636*680*915
	Packing Size (W*L*H)(mm)	540*575*855	580*615*895	635*625*995	680*685*1000	710*730*1100
	Volume	30L	45L	65L	85L	125L
	Shelf Number	5	6	8	8	11
	Load Per Rack	15kg				
Optional Accessories	Shelf Space	40mm				
	(50/60HZ)Current Rating	AC220V/3.6A	AC220V/5.5A	AC220V/7.2A	AC220V/10.5A	AC220V/10.5A
	NW/GW (kg)	33/37	37/43	44/49	50/60	60/66
	Shelf	2				
	Shelf Frame	4				
		B type: Spare shelf; BE type: Spare shelf, RS485 interface, printer, Program controller, U-disk storage; SUS304 body, 3.5-inch color touch screen temperature controller.				