

Compressor-Cooled Incubators (Inverter Compressor)

A variety of constant temperature experiments and environmental tests, water analysis, BOD/ bacteria and mold microbial culture, plant breeding and cultivation, sample preservation.



◎Characteristics:

- Unique internal wind circulation structure design, fan breeze circulation, so that the temperature distribution in the working room is uniform.
- Double-layer door structure, the inner door adopts high-quality tempered glass to facilitate the observation of samples, the outer door adopts magnetic rubber strip, easy to open and close, good sealing.
- Large-size LCD touch screen, 30-segment program, each period of time setting range: 0 ~ 9999 hours/minute, with scheduled start and stop function, standard electronic independent temperature limiter. Double protection experiment safety.
- The use of frequency conversion refrigeration system temperature control stability, to ensure long-term frost-free operation, more energy saving advantages.
- Standard LED lighting, UV germicidal lamp, with sterilization timing function, standard built-in universal socket, convenient internal equipment power supply.

◎Main Technical Parameters:

Model		TL-70S	TL-150S	TL-250S
Pattern		Forced Convection		
Function	Temp Range	0~65°C		
	Temp Resolution Ratio	0.1°C		
	Temp Fluctuation	±0.5°C		
	Temp Uniformity	±1°C		
Construction	Inner Chamber	Mirror stainless steel plate		
	Outer Shell	Cold-rolled steel plate, surface electrostatic spraying		
	Insulation Layer	Polyurethane		
	Heater	Stainless steel electric tube		
	Power Rating	0.8kW	1.0kW	1.2kW
	Compressor	Variable frequency air-cooled hermetic compressor		
	Cryogen	R134a		
	Defrost structure	Smart defrost		
	Test Hole	Inner diameter 43mm		
	Controlled External Power Supply	One external universal socket and one built-in waterproof socket		
Controller	Temp Control Mode	Intelligent fuzzy PID		
	Temp Setting Mode	Touch Type Key Setting		
	Temp Display Mode	The LCD screen displays the parameters		
	Timer	The period ranges from 0 to 99, and a maximum of 30 programs can be set. The setting range for each period of time is 0 to 9999 hours/minute		
	Operation Function	Single segment run, program run		
	Sensor	Pt100		
	Additional Function	LED lighting, deviation correction, menu key lock, power failure parameter memory		
Safety Device		Over temperature alarm, electronic temperature limiter, loop self-diagnosis		
Specification	Inner chamber Size(W*L*H mm)	420*350*500	500*500*600	600*500*840
	Exterior Size(W*L*H mm)	580*610*1190	660*760*1290	760*760*1530
	Packing Size(W*L*H mm)	698*706*1358	778*856*1458	878*865*1698
	Shelf Frame	70L	150L	250L
	Load Per Rack	15kg		
	Shelf Number	9	12	18
	Shelf Space	35mm		
	Supply (50/60Hz) Current Rating	AC220V/2.3A	AC220V/3.6A	AC220V/5.5A
Accessory	NW/GW (kg)	69/92	86/114	100/139
	Shelf	2		
	Partition Rack	4		
Optional Accessories		Separator, RS485 interface, printer, WIFI module can realize remote mobile APP control		