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		
		Loop self-diagnosis		
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
	NW/GW (kg)	69/92	86/114	100/139
Accessory	Shelf	2		
	Partition Rack	4		
Optional Accessories		Separator, RS485 interface, printer, WIFI module can realize remote mobile APP control		