

Benchtop Constant Temperature Shaking Incubator



Advantage

- The constant temperature incubation shaker is a small bench-top shaking incubator that combines the functions of gas bath constant temperature and horizontal oscillation.
- Its ingenious combination of precise temperature control and low frequency and high amplitude oscillation functions; And it has the characteristics of small size, convenient operation, simple maintenance and so on.
- A variety of optional trays meet the placement and fixation of various flasks, beakers, petri dishes, test tubes and other containers.

Specification

Model		ICB-20TIS	ICB-30TIS
Circulation		Forced convection	
Shake Mode		Convolution	
Orbit Diameter(mm)		Φ20	
Range(rpm)		50~300	50~250
Resolution (rpm)		10	
Temperature	Range (°C)	RT+5~60	
	Fluctuation (°C)	≤±0.5(37°C)	
	Resolution (°C)	0.1	
	Uniformity (°C)	≤±0.5°C(37°C)	
External Size(W×D×H)(mm)		421×320×338	632×502×512
Platform Size(W×D×H)(mm)		230×230	350×350
Controller		Microcomputer	
Display		Large high definition LCD	
Timer		1min~99h59min/∞	
Safety Device		Running safely:heating and shaking will be automatically stopped once the lid is open.	
Power Supply		AC 220/110V, 50/60Hz	
Consumption		350W	600W
N.W./G.W. (kg)		18.5	41
Shipping Size (W×D×H)(mm)		565×470×460	750×620×695

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Advantage

- LCD display with bright illumination.
- Automatic defrost function.
- High precision speed and temperature control.
- Door open protection.
- Memorized and protected operating parameters.
- Function of encrypted and locked operating parameters.
- Continuously running or timing.
- Unique slow-start design unique drive system and advanced air duct design.
- High quality servo motor.
- Multi-steps rotate speed, temperature and time control systems.
- Slow accelerate and decelerate design.
- Automatic analyzing, listing table, charting and printing on downloaded dates.

Specification

Model	ICB-70BS	ICB-70BSI
Display	LCD display	
Controller	PID	
Circulation Mode	Forced convection	
Shaking Mode	Convolution	
Drive Mode	Unidimensional drive	
Capacity	70L	
Temperature Range	RT+5~65°C	4~65°C
Temperature Accuracy	±0.1°C	
Temperature Uniformity	±0.5°C(at 37°C)	
Cyclotron Frequency Range(rpm)	20-450(rpm)(To do static culture)	
Cyclotron Frequency Sensitivity(rpm)	±1	
Orbit Range(mm)	Φ26	
Refrigerant	/	Environmentally friendly refrigerant
Timer	0-9999h/min	
Standard Capacity	Clamp flask: 50mlx4+100ml×4+250ml×3+500ml×3	Clamp flask: 50ml×5+100ml×5+250ml×4+500ml×3
Max. Capacity	Clamp flask:100ml×23 or 250ml×15 or 500ml×9 or 1000ml×6 or 2000ml×4	
Auxiliary Functions	Ultra-low speed start. Adjustable start speed. Overspeed auto-prtection. Watch dog timer. Parameters Storage. Encryption parameters. Electricity incoming recovery. Refrigeration unit overload protection. Sound and light alarm when upper and lower overtemperature. Function of lighting (Optional) and UV disinfection (Optional). Automatically stop when opening the door.	
External And Internal Material	Stainless steel	
Power Supply	AC220V±10%,50/60Hz;110V, 60Hz	
Consumption	550W	650W
Shaking Plate Size(mm)	450×410	
External Size(W×D×H)(mm)	750×710×520	
Shipping Size (W×D×H)(mm)	900×895×725	
N.W./G.W. (kg)	75/125	110/145