

Low Temperature Incubator LTI series



Model	LTI-700	LTI-700W	LTI-1200W
Forced convection	Forced Air Flow		
Temperature range	4°C-60°C		
Chamber capacity	140-300L		

Features

- The LTI series is ideal for incubating biological culture and for drug stability testing.
- The LTI series is equipped with timer function (Auto-start and Auto-stop).
- The step program function brings the chamber temperature back to preserved temperature after cultivation is over.
- The interior chamber is made of anti-bacterial stainless steel and easy to clean.
- The W model is equipped with an observation window.

Specifications

Low Temperature Incubator LTI series				
Product Name	Low Temperature Incubator LTI series			
Model	700	1200	601SD	1001SD
Air flow	Forced air convection			
Operating Temperature range	-10°C~+60°C			
Temperature accuracy	±1.5°C~2°C (ON mode) ±0.2°C (at -10°C~+40°C), ±0.1°C (40.1°C~60°C)			
Temperature uniformity	±2.5°C (at 5°C setting)	±3.5°C (at 5°C setting)	±1.5°C (at -10°C~0°C setting) ±1.0°C (at -10°C~0°C setting) (When CONT mode)	±1.0°C (at 0°C~60°C setting)
Temperature control	Microprocessor PID control		Microprocessor PID control	
Program	Digital timer (1min~99hr 59min, minimum 1min)			
	Auto-start, Auto-stop. 1stop and repeat up to 99 cycles		Auto-start, Auto-stop. 5stop and repeat up to 99 cycles	
Heater	Stainless sheath heater			
	200W	350W	700W	900W

Model	Cat.No			Chamber capacity	Power consumption
LTI-700	197499	197498	197490	500W*400D*700H(mm)	0.5kVA
LTI-700W	197509	197508	197500	140L	
LTI-1200	—	197518	197510	500W*400D*1200H(mm)	0.7kVA
LTI-1200W	—	197528	197520	240L	
LTI-601SD	181479	181479	181470	600W*500D*500H(mm) 150L	1.1kVA
LTI-1001SD	181489	181488	181480	600W*500D*1000H(mm) 300L	1.4kVA
Supply Voltage	AC115V	AC220V	AC100V		

Operation sequence example

	ON	OFF	ON	OFF
Heater	ON	OFF	ON	OFF
Freezer	OFF	ON	OFF	ON

	ON	OFF	ON	OFF
Heater	ON	OFF	ON	OFF
Freezer	OFF	OFF	OFF	OFF

	ON	OFF	ON	OFF
Heater	ON	OFF	ON	OFF
Freezer	ON	ON	ON	ON

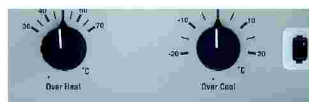
Right or left opening door



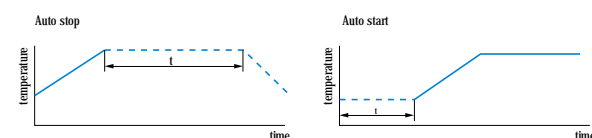
The door can be opened from either right or left side, by the upper and lower lever operation. Depending on the place of installation, the direction to which the door opens is freely chosen.
*(Factory standard: left opening)

Safety design

- Alarm indication and buzzer notify when the unit recovers from power failure or any trouble occurs.
- Overheat protector independent from control board is installed. Available range of temperature is between 30~70°C for overheat and -20~20°C for overcool.
- Optional accessories of adjuster and table with casters are available for LTI-700. LTI-1200 is equipped with adjuster-attached casters.

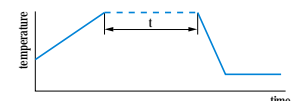


Timer, Program Operation



After reaching set temp, the unit stops after user set time (max.99 hrs 59 min)has passed.

The unit starts operation after user set time(max. 99 hrs 59 min) has passed and the temperature is controlled at the preset temperature.



After first reaching the set temperature, and after the user set time (max. 99 hrs 59 min) has passed, it moves on to another set temperature level and keeps stable operation at that temperature.

Incubator SLI series



*Model C is equipped with cable holes (on right and left sides)

Air flow	Air jacket gravity convection
Temperature range	RT+5°C- 60°C



Personal type 16L



SLI-220
Cat.No. : 197980(100V).
197989(11V)
Air jacket natural heat convection
Temp range: RT+5- 60°C
Temp. accuracy: ±0.5°C
Chamber dimension:
310W*2400*220H (mm) 16L

Features

- The 400, 700 and 1200 are slim-sized and equipped with standard timer function. The opening side of the door can be changed.
- Anti-bacterial stainless steel is used inside the chamber.

Specifications

Product name	Incubator					
	SLI-400		SLI-700		SLI-1200	
Model	197189	197188	197180	197199	197198	197190
Cat.No.	197189	197188	197180	197199	197198	197190
Air flow	Air jacket convection					
Operating Temp. rang	RT+5°C- 60°C					
Temperature accuracy	±0.1°C (at 37°C setting)			±0.2°C (at 37°C)		
Temperature uniformity	±2.5°C (at 37°C setting)		±2.0°C (at 37°C setting)		±0.2°C (at 37°C)	
Timer set range	0- 99hr 59min					
Safety functions	Alarm function (upper temp. limit, door open, sensor power failure, temp. control fault, watch dog). Independent overheat protector (valuable 30 to 70°C). ELCB, Overcurrent breaker, Fuse (for service AC outlet)					
Chamber dimesions (mm)	434W*400D*450H		434W*400D*700H		430W*400D*1200H	
Chamber Capacity	78L		121L		206L	
Overall dimesions (mm)	526(553)W*550D*800H		526(553)W*550D*800H		550(577)W*590D*1600H	
Net weight	41kg		47kg		82kg	
Power source	AC115V	AC220V	AC100V	AC115V	AC220V	AC100V
	2.6A	1.4A	3A	2.6A	1.4A	3A
					7A	



The opening side of the door of 400, 700, 1200 models can be changed.

Best use of space, easy to move or install the unit

Fitting for pilling two units	Cat.No.
HSD-400 (for SLI-400)	197230
HSD-220 (for SLI-220)	198010
HSD-221 (for SLI-200, LTI-2000)	198020

Adjuster Caster (4 pcsc/set)	Cat.No.
HAC-1 (for SLI-400, 700)	197240



Option

Temperature inside the chamber can be recorded		
Record output terminal (additional option type)		
HRC-1	Cat.No.	197260

Shaker can be installed in the chamber		
Shelf for shaker installation		
HIS-1	Cat.No.	197270