

Multi Thermo Incubator MTI

For cultivating and multi-temperature testing.
Separate temperature setting for 5 chambers.



MTI-201B

MTI-202B

Features

- For cultivating and multi-temperature testing with separately controlled 5 chambers.
- Each chamber temperature can be controlled by 2 step program. (MTI-202B)
- Each chamber is equipped with temperature outlet terminal. (MTI-202B)
- Illumination setting by 4 steps and can be operated 24 hours.

Specifications

Product Name	Multi Thermo Incubator	
	MTI-201B	MTI-202B
Model	MTI-201B	MTI-202B
Cat. No.	139700	139720
Air circulation	Forced air convection	
Chamber	5 chambers	
Temp. setting	Fixed value	2 step control
Temp. control range	5 ~ 50°C	
Temp. control accuracy	Chamber 1: $\pm 2.5^{\circ}\text{C}$ ~ Chamber 2 ~ 5: $\pm 1.0^{\circ}\text{C}$	
Temp. control	Chamber 1: Refrigerator ON-OFF(NORM mode) Refrigerator ON-OFF + Timer(INT. mode) Chamber 2 ~ 5: Heater P.I.D. control	
Illumination time setting	24h timer (Min. setting 15 min)	
Heater	850 (Chamber 2-4; 200W, Chamber 5 250W)	
Refrigerator & coolant	400W R404A	
Safety functions	Overheat protector, Leak/overcurrent protector	
Chamber dimensions (mm)	400W x 470D x 195H	
Overall dimensions (mm) & Weight	560W x 670D x 1780H 159kg	560W x 710D x 1780H 159kg
Power source	1.75kVA AC100V	

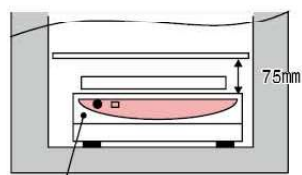
■ Shaker can be placed inside chamber



With MMS-110

Shaker MMS-110 • 210 • 310 • 410 can be placed inside chamber:

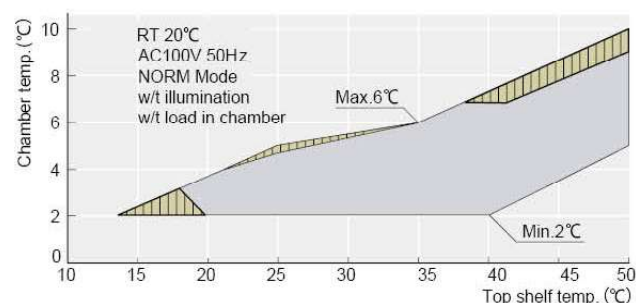
- ※ one unit on bottom shelf
- ※ Space between shaker and upper shelf will be 75mm



MTI

MMS-110 • 210 • 310 • 410

■ Temp. setting range



Rotary Evaporator 1

Vacuum Pump & Aspirator 2

Organic Synthesizer 3

Freeze Dryer, Spray Dryer 4

Shaker 5

Stirrer 6

Tube Pump 7

Low Temperature Incubator 8

Cold Trap 9

Constant Temperature Bath 10

Incubator 11

Oven 12

Fermentor 13

Optional Accessories for Incubators

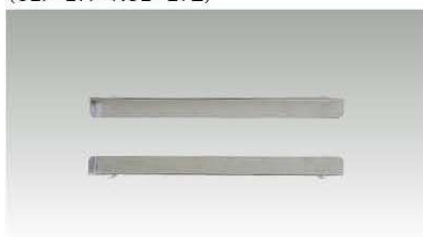
■ Shelf (SLI • LTI • KCL • LTE • FLI • LST)



LTI-1200E • LTE

Applicable model	Cat. No.
SLI-220	198000
SLI-400 • 700 • 1200	197290
LTI-400 • 700E, KCL	197540
LTE-500 • 1000, LTI-1200E	214530
FLI-2010, LST-2010	208130
KCL-2000, LTI-400 • 700E	241630

■ Shelf support (SLI • LTI • KCL • LTE)



Applicable model	Cat. No.
SLI-400 • 700 • 1200	197280
LTI-400 • 700E, KCL	204980
LTE-500 • 1000	261790
LTI-1200E	210450

■ Rack (SLI • LTI • LTE)



Applicable model	Model	Cat. No.
SLI-400	HSS-40CA	198000
SLI-700	HSS-70CA	197290
LTI-400 • 700E	HSS-43C	197540
LTE-500	HSS-50CA	214530

■ Recorder (LTI • SLI • KCL • FLI • LST)



Applicable model	Model	Cat. No.
SLI-400 • 700 • 1200	μR-10000	217060
LTI		
KCL-2000, FLI-2010		
LST-2010		

■ Recorder signal outlet cable

Applicable model	Cat. No.
SLI-400 • 700 • 1200	147570
LTI	
KCL-2000	

■ Cable hole septum (LTE • LTI • SLI • KCL)

Applicable model	Cat. No.
LTI	111690
LTI, SLI, KCL	170240

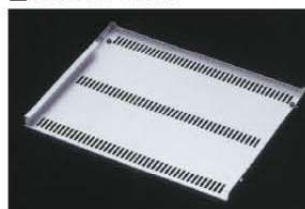
■ Vacuum valve connection unit (KCL-2000A • W) Cat. No. 190860

■ Related product Stirrer to be placed in incubator



Incubator	Stirrer	MMS-	
		110•210•310•410•510	3010•4010•5010
SLI	1 unit	—	—
LTI • LTE	1 unit	—	—
FLI	2 unit	—	2 units
MTI	1 unit	—	—

■ Shelf for stirrer



- Necessary when placing stirrer in SLI-400 ~ 1200, LTE-500 • 1000, LTI.
- Max. stirring speed 150/min.
- Max. load for 400: 500mL flask x 4
Max. load for 700 • 1200:
1L flask x 2 or 3L flask x 1

Applicable model	Model	Cat. No.
SLI-400 • 700 • 1200	HIS-1	197270
LTI-400E • 700E	HIS-2	197560
LTI-1200E	HIS-3	210440
LTE-500 • 1000	HIS-4	261340