

Dry Sterilizer (Laboratory use)

Natural convection hot air sterilization

SI401/601

Operating temp. range

Room temp. +5~260°C

Temp. distribution accuracy

20°C(at 260°C)

Internal capacity

77L
SI401

159L
SI601

Programmable natural convection hot air sterilizer

■ Features

- Quick, safe and reliable sterilization function.
- Easy operation with fixed temp., program, quick auto stop, auto stop and auto start functions.
- Designed with specialized function menu key and up/down key to set and submenu key to operate overheat protector, deviation correction and key lock

■ Safety

- Self-diagnosis circuit (temp. sensor abnormal, heater disconnection, auto overheat prevention, SSR short circuit), overheat protector, electric leakage breaker, key lock, etc.



77L
SI401+Stand (option)

■ Specifications

Model	SI401	SI601
Circulation method	Natural convection	
Operating temp. range	Room temp. +5~260°C	
Temp. adjustment accuracy	2°C (at 260°C)	
Temp. distribution accuracy	20°C (at 260°C)	
Max. temp. reaching time	Approx. 70min.	
Interior/Exterior material	Stainless steel plate / Cold rolled steel plate with chemical proofing coating	
Insulating material	Glass fiber	
Heater	Wire type, 1.2kW	Wire type, 1.36kW
Air exhaust port	I.D. 30mm×2 (top)	
Temp. control	PID control	
Temp. display	Measured temp. display: Green 4-digit LED digital display Setting temp. display: Red 4-digit LED digital display	
Timer	1min-99 hr 59 min and 100 hr-999 hr 30 min (Attached with timing wait function)	
Operation function	Fixed temp. operation, Auto start, Quick auto stop, Auto stop, Program operation	
Program mode	Program operation 6 patterns (30 steps×1, 15 steps×2, 10 steps×3), Repeat function	
Sensor	K thermocouple (Temp. controller and overheat protector)	
Safety device	Self-diagnosis circuit (Temp. sensor abnormal, Heater disconnection, Auto overheat prevention, SSR short circuit), Overheat protector, ELB to prevent overcurrent, Key lock, etc.	
Internal dimensions (W×D×H)	450×430×400mm	600×530×500mm
External dimensions (W×D×H)	550×540×777mm	700×640×877mm
Internal capacity	77L	159L
Shelf plate with standard load	Approx. 15 kg/pc.	
Shelf rest step number / pitch	10 steps / 30mm	13 steps / 30mm
Power source (50/60Hz)	AC220V 6A	AC220V 7A
Weight	Approx. 42 kg	Approx. 59 kg
Shelf plate material	Stainless punching metal	
Shelf plate / bracket	2pcs./4pcs.	

Input by
UP/DOWN key

Self-diagnosis

Key lock

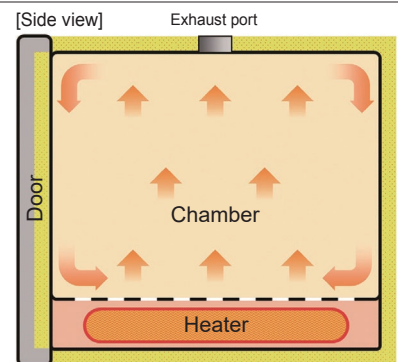
Program operation

Overcurrent
ELB

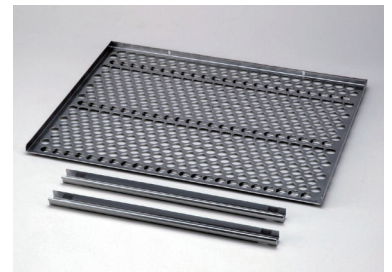
Control Panel



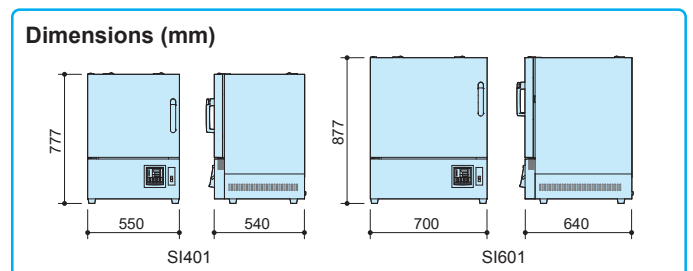
Method



Shelf plate / bracket



Interior



Optional items

Description	Product code
Stand	
For SI401/601 ONS60	212802
Stacking support	
For SI401 ODK82	212804
For SI601 ODK84	212805
Stainless punching metal shelf (with bracket 2pcs)	
For SI401	212095
For SI601	212266
Seismic mat	296902
External communication function	281240
*External communication adapter	281241
*Temperature output terminal	281242
*External alarm output terminal	281243
*Timeup output terminal	281244
*Independent overheat protector	281245

* Please specify when ordering main unit.