



SK401/601

Safety Sterilization with Individual Over-heat Prevention Function.

Natural Convection Type: SK401 & 601.

Forced Convection Type: SK801 & 811.

Model		
401	601	801/811
Operating temp. range		
Room temp. +5deg.C to 260 deg.C		Room temp. +10deg.C to 210 deg.C
Temp. distribution accuracy		
±5deg.C (at260deg.C)		±3.5deg.C (at210deg.C)
Internal capacity		
99L	162L	300L

- Various function such as calibration offset, power failure recovery mode, user configuration information are standard equipped.
- Loaded with the excellent safety functions such as Self-diagnosis Function and Individual Over-heat Prevention Function.
- Integration function of energization and operation time are equipped.
- Maximum 99 steps, 99 patterns, program repeat function are available
- Data acquisition is simple due to cable port

■ Specifications

Model	SK401	SK601	SK801/811
Performance			
Circulation method	Natural Convection		Forced Convection
Operating temperature range	Room temp. +5 to 260deg.C		Room temp. +10 to 210deg.C
Temp. adjustment accuracy	±1.0deg.C (at 260deg.C)		±1.0deg.C(at 210deg.C)
Temp. fluctuation	±1.5deg.C (at 260deg.C)		±1.0deg.C(at 210deg.C)
Temp. distribution accuracy	±5deg.C(at 260deg.C)		±3.5deg.C(at 210deg.C)
Temp. gradient	20deg.C (at 260deg.C)		12deg.C (at 210deg.C)
Max. temp. reaching time	Approx. 60 mins.		
Components			
Interior material	Stainless steel		
Exterior material	Cold rolled steel plate with melamine resin baking finish		
Heat insulation material	Glass wool		
Heater	SUS pipe heater		
	1.2 kW	1.36 kW	2.4 kW
Sensor	K-thermocouple		
Fan type	-		Sirocco Fan/ Condenser Motor 30W
Cable Hole	I.D. 33mm (right side)		
Exhaust port	33 mm dia.×2 pcs.(the top)		33 mm dia.×2 pcs.(back side)
Controller			
Temp. controller	PID control by microprocessor		
Temp. display	Measurement temp. : Digital display by green LED Setting temp. : Digital display by red LED		
Timer	0 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs.		
Operation function	Fixed Temp. Operation, Automatic Start, Automatic Stop, Program Operation , Quick automatic stop		
Program mode	99 steps, 99 patterns, Program repeat function		
Additional function	Integration of energization/Operation time, calendar time, calibration offset, power discharge, CO2 discharge, heater output operation monitor display, power failure recovery mode, user configuration information		
Sensor circuit control	Triac zero cross method		
Safe Device			
Safety countermeasures	Self diagnosis functions (temp. sensor abnormal, Heater disconnection, Triac Short-circuit, main relay failure detection, Automatic overheating prevention),, Key lock function, Electric leakage breaker		
Standard			
Internal dimensions (W×D×Hmm)	450×490×450	600×540×500	600×500×1,000
External dimensions (W×D×Hmm)	560×600×820	710×650×870	710×650×1,640
Internal capacity	99 liters	162 liters	300 liters
Shelf plate with standard load	Approx. 15 kg/pc		
Shelf rest step number	11 steps	13 steps	29 steps
Shelf rest pitch	30 mm		
Power source 50/60Hz	100V 12.5 (15A)	100V 14.1A (20A)	100V 24.5A (30A) (SK801) Single phase 200V 12.5A (15A) (SK811)
Weight	Approx. 50 kg	Approx. 62 kg	Approx. 108 kg
Accessories			
Shelf plate	Stainless Punching Metal, 2 pcs.		Stainless Punching Metal, 4 pcs.
Shelf bracket	4 pcs.		8 pcs.

* The performance shown here is the value under the condition of the ambient temperature of 23deg.C±5deg.C, humidity of 65%RH±20%.

* The projection is not included for Internal dimensions and External dimensions.

■ SK811 Exterior



■ Control Panel



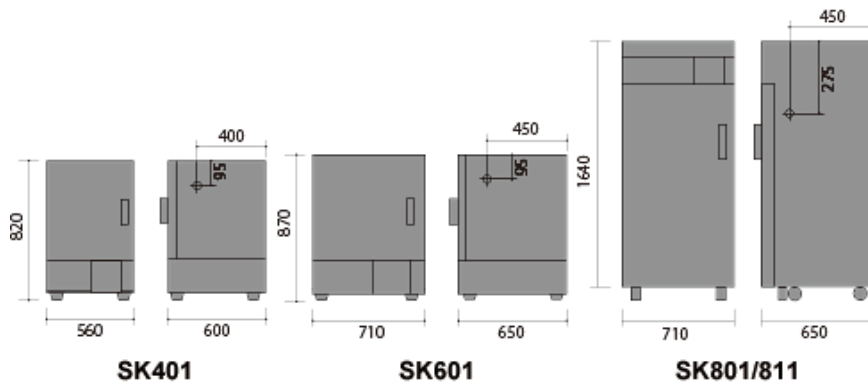
■ Cable Hole (Standard)



■ Shelf and Support



■ Dimensions (Unit:mm)



■ Optional Items

Remark	Description	Model No.	Product Code
○	Stand ON61 (for 401/601)	SK Series	211856
○	Stand OT42 (for 401)	SK Series	212348
○	Stand OT62 (for 601)	SK Series	212349
	Stacking support for SK401 OD40	SK Series	212822
	Stacking support for SK601 OD60	SK Series	212823
	Shelf (with support 2pcs.) for 401	SK Series	212246
	Shelf (with support 2pcs.) for 601/801/811	SK Series	212266
●	Cable hole I.D 25mm ODK32		281121
●	Cable hole I.D 50mm ODK34		281122
	External communication adapter set OIN90		211880
●	External Communication Terminal	SK Series	212981
●	Temperature Output Terminal	SK Series	212982
●	External alarm output Terminal	SK Series	212983
●	Time-up Output Terminal	SK Series	212984
●	Operation signal output terminal	SK Series	212985
●	Event output terminal	SK Series	212986

Note:

1. The item marked " ● " in the column of "Remark" shall be ordered together with the main unit.
 2. The transportation cost will not be required if the order is together with main unit except the item marked "○".
- In case you order the item marked "○" together with the main unit, please ask Yamato to obtain the correct transportation cost.