

Laboratory Constant Temperature Ovens

DK240S/340S

DK240S/340S have been discontinued.



DK340S

Economically-priced, space-saving, yet high-capacity constant temperature ovens for educational facilities and small laboratories.

It is a forced convection, circulatory type of oven that disperses heat with high precision.

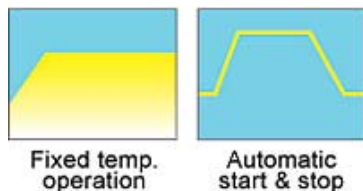
Model	
240S	340S
Operating Temperature Range	
Ambient +10deg.C to 210 deg.C	
Temp. Distribution Accuracy	
±3.0deg.C (at210deg.C)	
Internal Capacity	
20 L	55 L

- Temperature adjustment is achieved through proportional, integral, derivative (PID) control using a microprocessor, and boasts auto-starting, auto-stopping, and timer features.
- When shipped from the factory, the door opens to the left, but the user can manually change it so it opens from the right.
- The unit has several safety features, such as a short circuit breaker, and an independent mechanism to prevent overheating that uses a thermostat with digital switches.

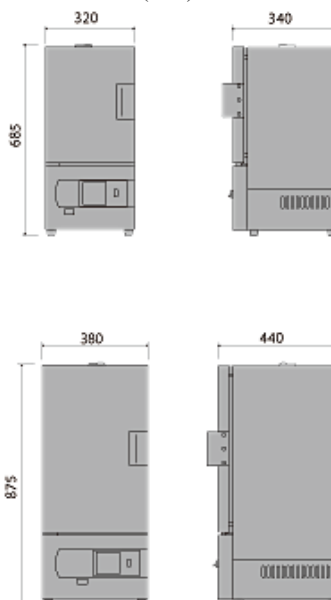
■ Specifications

Model	DK240S		DK340S
Performance			
Circulation method	Forced air circulation		
Operating temperature range	Room temp.+10 to 210deg.C		
Temp. control accuracy	±1.0deg.C (at 210deg.C)		
Temp. distribution accuracy	±3.0deg.C (at 210deg.C)		
Max. temp. reaching time	Approx. 60 min		
Components			
Interior material	Stainless steel		
Exterior material	Cold rolled steel plate with melamine resin baking finish		
Heat insulating material	MG felt		
Heater	Iron-chrome wire heater, 400W	Iron-steel wire heater, 800W	
Fan type	Axial flow fan, 130mm diameter		
Motor	Condenser type, 10 W		
Exhaust port	Stainless steel , 30 mm I.D.×1 pc. with damper (on the top)		
Controller			
Temp. controller	PID control by microprocessor		
Temp. setting method	Digital setting with UP/DOWN key		
Temp display method	Digital display by LED		
Timer	0.1 to 999 Hrs.		
Min. division	1 Hr.		
Operation function	Fixed temperature operation, auto-start or auto-stop by timer		
Operation Panel	Sheet key, (LED; Temperature, Timer Lamp; Heater, Abnormal Temperature) Main switch, Digital switch for independent overheating prevention device K - thermocouple		
Safe Device			
Safety countermeasures	Electronics independent overheating prevention, abnormal overheating prevention, alarm for heater breaking/sensor input, Over current breaker		
Standard			
Internal dimensions (W×D×Hmm)	240×250×340	300×350×530	
External dimensions (W×D×Hmm)	320×340×685	380×440×875	
Internal capacity	20L	55L	
Shelf rest pitch	50 mm	50 mm	
Power source 50/60Hz	AC100V 4.5A(15A)	AC100V 8.5A(15A)	
Weight	Approx. 23 kg	Approx. 35 kg	
Accessories			
Shelf plate	Stainless steel, 2 pcs		
Shelf bracket	4 pcs		

■ Control Panel



■ Dimension (mm)



■ Inner tank



■ Stand (option)



■ Optional Items

Remark	Description	Model No.	Product Code
○	Stand	DK Series	211188
	Shelf (for 240S with support 2 pcs.)	DK Series	211189
	Shelf (for 340S with support 2 pcs.)	DK Series	211190

Note:

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.