

Laboratory Constant Temperature Ovens, Slim Type

DKS200/300



DKS200/300

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	
200	300
Operating Temperature Range	
Ambient +10deg.C to 210 deg.C	
Temp. Distribution Accuracy	
±3.0 deg.C (at 210 deg.C)	±4.0 deg.C (at 210 deg.C)
Internal Capacity	
20L	55L

- Temperature adjustment is achieved through PID control (microprocessor).
- Auto-start, Auto-stop, and Timer features.
- The unit has several safety features, such as Independent Overheat Prevention, Abnormal Overheating Prevention, Alarm for Sensor Input, Short Circuit Breaker.

■ Specifications

Model	DKS200	DKS300
Performance		
Circulation Type	Forced Convection	
Operating temperature range	Room temp.+10 deg.C to 210 deg.C	
Temp. control accuracy	±1.0 deg.C (at 210 deg.C)	
Temp. distribution accuracy	±3.0 deg.C (at 210 deg.C)	±4.0 deg.C (at 210 deg.C)
Max. temp. reaching time	Approx. 60 min	
Components		
Interior material	Stainless steel	
Exterior material	Chrome-free electrogalvanized steel plate with melamine resin baking finish	
Heat insulating material	Rock Wool	
Heater	Iron-chrome wire heater	
	400W	800W
Fan type	Axial flow fan, 130mm diameter steel plate fan	
Exhaust port	Stainless steel, 30 mm I.D. × 1pc. with damper (on the top)	
Door	Chrome-free electrogalvanized steel plate with melamine resin baking finish	
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 to 999.9 Hrs.	
Operation function	Fixed temperature operation, auto-start or auto-stop by timer	
Additional Function	Sheet key, (LED; Temperature, Timer Lamp; Heater, Abnormal Temperature) Main switch for Short circuit breaker, Calibration Off set function, Power failure return mode	
Safe Device		
Safety countermeasures	Independent overheat prevention, Automatic overheat prevention, Alarm for sensor input, Short circuit breaker, Key Lock Function	
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	100V single phase	100V, single phase
	4.5A (15A)	8.5A (15A)
Weight	Approx. 23 kg	Approx. 35 kg
Accessories		
Shelf plate	Stainless steel, 2 pcs	
Shelf bracket	4 pcs	

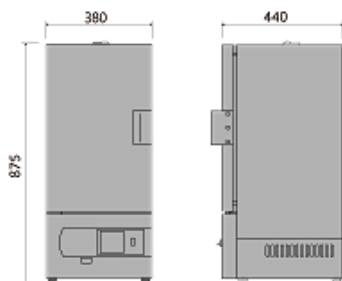
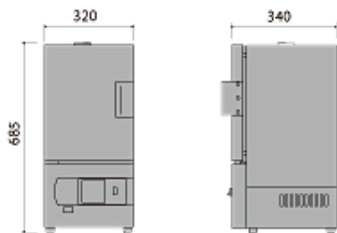
■ Inner tank



■ Stand (option)



■ Dimension (mm)



■ Optional Items

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