

Slim Type Natural Convection Ovens
DXS200/300



Space Saving with 20L or 55L Capacity. Natural Convection Oven, suitable for educational facilities and small laboratories.

Model	
200	300
Operating Temperature Range	
Ambient +5deg.C to 210 deg.C	
Temp. Distribution Accuracy	
±10.0deg.C (at210deg.C)	
Internal Capacity	
20L	55L

DXS200/300

- Compact Setting Space.
- 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	DXS200	DXS300
Performance		
Circulation Type	Natural Convection	
Operating Temp.	Room Temp. +5 deg.C to 210 deg.C	
Temp. Adjustment Accuracy	±1 deg.C (at 210 deg.C)	
Temp. fluctuation	±3 deg.C (at 210 deg.C)	
Temp. Distribution Accuracy	±10 deg.C (at 210 deg.C)	
Temp. gradient	35 deg.C (at 210 deg.C)	40 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 & chromium wire heater 400W	Iron & chromium wire heater 800W
Exhaust Port	SUS304, I.D. 30mm x 1 (Top Side)	
Door	Chrome-free electrogalvanized steel plate with melamine resin baking finish	
Controller		
Temp. Control System	PID control by microprocessor	
Temp. Setting	Digital Setting by UP/DOWN Key	
Temp. Display	Digital Display by LED	
Timer	0 to 999.9hrs.	
Operation Function	Fixed Temp. Operation, Automatic Start, Automatic Stop, Program Operation, Quick automatic stop	
Operation Panel	Sheet key, (LED; Temperature, Timer Lamp; Heater, Abnormal Temperature) Main switch for Short Circuit Breaker	
Additional Function	Calibration Off set function, Power failure return mode	
Safety Device		
Safety Countermeasure	Independent Overheat Prevention by Liquid Pressure Type, Individual Overheat Prevention, Heater Wire Broken/Sensor Input Alarm, Electric Leakage Breaker, Key Lock Function	
Standard		
Internal Dimension	W240 x D250 x H340mm	W300 x D350 x H530mm
External Dimension	W320 x D340 x H685mm	W380 x D440 x H875mm
Internal Capacity	20L	55L
Shelf rest pitch	50 mm	50 mm
Power (50/60Hz)	AC100V 4.5A (15A)	AC100V 8.5A (15A)
Weight	Approx. 20kg	Approx. 30kg
Accessory		
Shelf/Support	Shelf : 2 pcs, Shelf brackets: 4 pcs. Fall-prevention parts: 1 set	

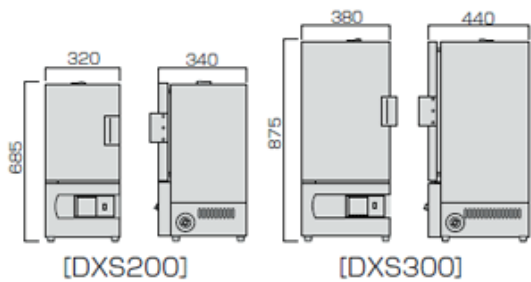
■ Inner tank



■ Stand (option)



■ Dimension (mm)



■ Optional items

Description	Model No.	Product Code
Stand	DXS200/300	211188
Shelf (for 200 with support 2 pcs.)	DXS200	211189
Shelf (for 300 with support 2 pcs.)	DXS300	211190