

Natural Convection Oven (Slim Type)

DXS200/300

Natural convection

Independent overheat protector

Power outage compensation

Overcurrent ELB

Operating temp. range Room temp. +10°C to 210°C

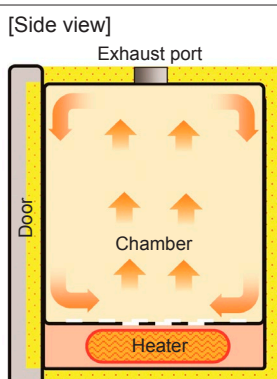
Temp. distribution accuracy ±10.0°C (at 210°C)

Internal capacity 20L DXS200 55L DXS300

It is a natural convection constant temperature ovens that meets the needs of educational sites and laboratories with a compact size and a large capacity.

- A fall prevention bracket is included as standard.
- Temperature control is PID control by microcomputer, with auto start and auto stop timer.
- Overheat prevention mechanism (heater shutoff) and independent overheat prevention by liquid pressure type temperature controller are provided as standard equipment.
- The opening-and-closing direction of a door can be changed by a user.

Method



Interior



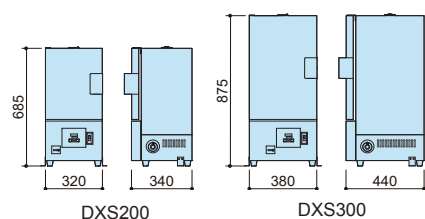
Optional Items

No.	Description	Product Code
①	Stand	211188
②	Stainless punching metal shelf for DXS200 (1 shelf with 2 shelf supports)	211189
③	Stainless punching metal shelf for DXS300 (1 shelf with 2 shelf supports)	211190

Optional Item



Dimensions (Unit:mm)



Specifications

Product Code	212915	212916
Model	DXS200	DXS300
Circulation method	Natural convection	
Operating temperature range*1	Room temp. +10 to 210°C	
Temp. control accuracy*1	±1°C (at 210°C) JTM K05	
Temperature fluctuation*1	6°C (at 210°C) JIS	
Temp. distribution accuracy*1	±10.0°C (at 210°C) JTM K05	
Temperature gradient*1	35.0°C (at 210°C)	40.0°C (at 210°C)
Max. temp. reaching time*1	Approx. 60min	
Interior material	Stainless steel	
Exterior material	Chrome-free electrogalvanized steel plate with baked-on coating	
Heat insulating material	Rock wool	
Heater	Iron-chrome wire heater, 400W	Iron-chrome wire heater, 800W
Exhaust port	Stainless steel, 30 mm I.D.×1pc. (on the top)	
Door	Chrome-free electrogalvanized steel plate with baked-on coating	
Temp. controller	PID control by microprocessor	
Timer	1 to 99 hrs. 59 min / 1min, 100 hrs. 0 min to 999 hrs. 50 min / 10 min.	
Temperature / Timer Display	Digital display by LED (Resolution: 1°C)	
Sensor	K-thermocouple	
Operation functions	Fixed temperature operation (Quick auto stop, auto start, auto stop selection by timer setting)	
Additional functions	Calibration offset, Power failure compensation function, Key lock	
Operation panel	Sheet key (LED: Temperature, Timer Lamp: Heater, Abnormal Temperature), Main switch for earth leakage breaker	
Safety device	Independent overheat prevention by liquid pressure type, Automatic overheat prevention, Alarm for sensor input, Earth leakage breaker	
Internal dimensions	W240×D250×H340mm	W300×D350×H530mm
External dimensions*2	W320×D340×H685mm	W380×D440×H875mm
Internal capacity	20L	55L
Power source 50/60Hz	AC115/220V Single-phase with step down transformer	
Weight	Approx. 20kg	Approx. 30kg
Shelf rest step number / pitch	5 steps / 50mm	9 steps / 50mm
Accessories	2 shelves with 4 shelf supports, Fall prevention metal fittings (1 set)	

*1 Conditions : Temperature and humidity 23°C±5°C, 65%RH±20% (no load)

*2 Do not include protrusions

The length of the power cord is about 2m outside the unit.