

Forced Convection Oven (Slim Type)

DKS200/300

Forced convection circulation

Independent overheat protector

Power outage compensation

Auto overheat prevention

Key lock

Overcurrent ELB

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

Temp. distribution accuracy ±3°C (at 210°C) DKS200 ±4°C (at 210°C) DKS300

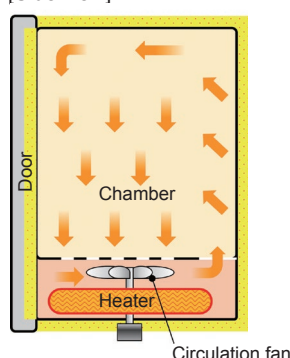
Internal capacity 20L DKS200 55L DKS300

Economically-priced, space-saving forced convection constant temperature ovens

- A fall prevention bracket is included as standard.
- Temperature control is PID control by a microcomputer, with auto start, auto stop, and quick auto stop timer.
- Overheat prevention mechanism (heater shutoff) and independent overheat prevention by liquid pressure type temperature controller are provided as standard equipment.

Method

[Side view]



Interior



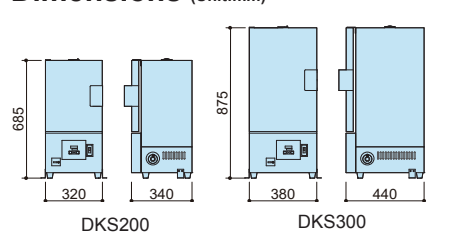
Optional Items

No.	Description	Product Code
①	Stand	211188
②	Stainless punching metal shelf for DKS200 (1 shelf with 2 shelf supports)	211189
③	Stainless punching metal shelf for DKS300 (1 shelf with 2 shelf supports)	211190

Optional Item



Dimensions (Unit:mm)



Specifications

Product Code	212913	212914
Model	DKS200	DKS300
Circulation method	Forced convection circulation	
Operating temperature range*1	Room temp. +10 to 210°C	
Temp. control accuracy*1	±1°C (at 210°C) JTM K05	
Temp. distribution accuracy*1	±3°C (at 210°C) JTM K05	±4°C (at 210°C) JTM K05
Max. temp. reaching time*1	Approx. 60min (at room temp. +10°C to 210°C)	
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
Fan type	130mm diameter steel plate fan	
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 999.9hrs.	
Temperature / Timer Display	Digital display by LED	
Sensor	K-thermocouple (for temperature control and independent overheat protection)	
Operation functions	Fixed temperature operation (Auto start, auto stop selection by timer setting), quick stop	
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. 23kg	Approx. 35kg
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.