

# 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

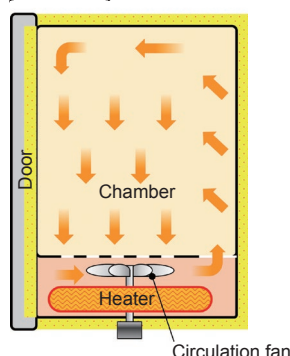
Internal capacity 20L DKS200 55L DKS300

## 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



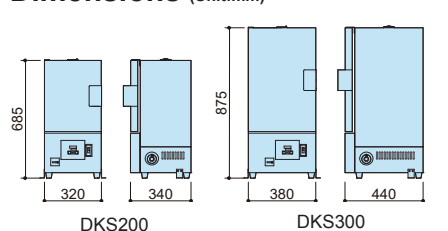
### Optional Items

| 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.