

Natural Convection Oven

Economical, Basic functions

DY300/400/600

Operating temp. range

Room temp. +5°C to 280°C

Temp. distribution accuracy

±10°C

Internal capacity

28L
DY300

74L
DY400

153L
DY600

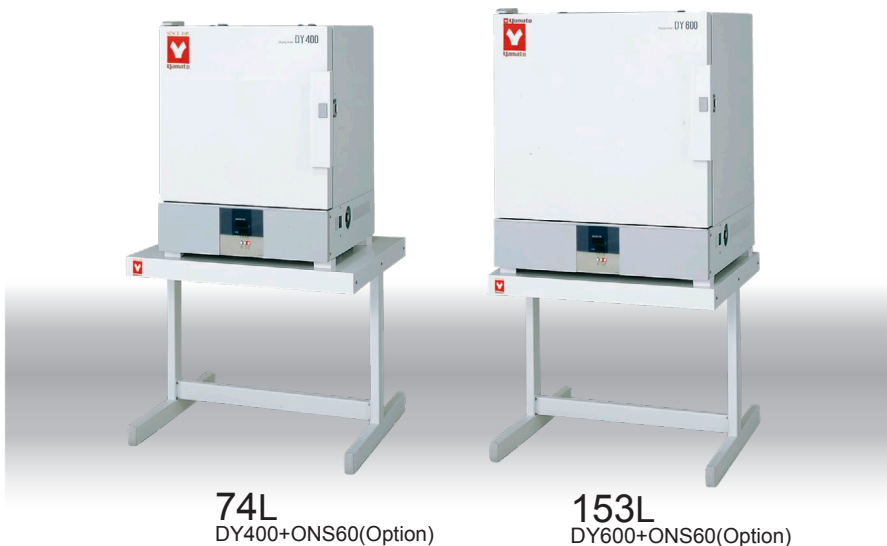
Fixed temperature model ensures basic function.

■ Operation and functions

- Easy operation, available for fixed temp. and auto stop operation.

■ Safety features

- Self-diagnosis circuit (abnormal temp. input, overheat prevention of upper temp. limit), overcurrent ELB, independent overheat protector.



■ Specifications

Product Code	212010	212011	212014
Model	DY300	DY400	DY600
Circulation method	Natural gravity convection		
Operating temp. range*1	RT+5°C to 280°C		
Temp. adjustment accuracy*1	±1.0 °C (at 280 °C)		
Temp. distribution accuracy*1	±10 °C (at 280 °C)		
Max. temp. reaching time*1	Approx. 45 min.	Approx. 70 min.	Approx. 120 min.
Interior	Stainless steel plate		
Exterior material	Baking finish		
Heater	Iron-chrome wire heater, 0.9kW	Iron-chrome wire heater, 1.36kW	
Exhaust port	Rotary dampers with a 20% opening rate at closing		
Temp. control	PID control		
Temp. setting / Display method	Digital setting / digital display method (Resolution: 1°C)		
Timer	1 min. to 9999 min.		
Operation function	Fixed temp. operation, Auto stop		
Sensor	Pt100		
Safety device	Self diagnosis function (Temp. sensor abnormal), Hydraulic independent overheat prevention device, Electric leakage breaker		
Internal dimensions (W×D×H)	300×310×300mm	450×410×400mm	600×510×500mm
External dimensions*2 (W×D×H)	400×440×622mm	550×540×722mm	700×640×822mm
Internal capacity	28L	74L	153L
Shelf plate with standard load	Approx. 15kg / pcs.		
Shelf rest step number / pitch	6 steps / 35mm	9 steps / 35mm	12 steps / 35mm
Power supply (50/60Hz)	AC220V 5A Single phase	AC220V 7A Single phase	
Weight	Approx. 23kg	Approx. 38kg	Approx. 56kg
Shelf	Stainless punching metal (Bottom shelf is screwed) 2 pcs.		
Shelf bracket	4 pcs.		

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

*1 Conditions: Temperature and humidity 23°C±5°C, 65%RH±20%, (no load), Power supply voltage: AC100V

*2 Do not include protrusions

Natural convection

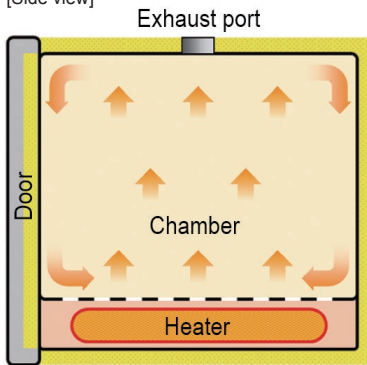
Independent overheat protector

Self-diagnosis

Overcurrent ELB

Method

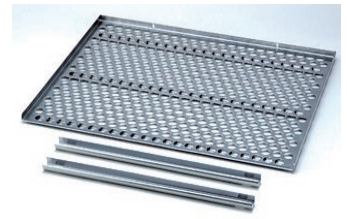
[Side view]



Optional Items



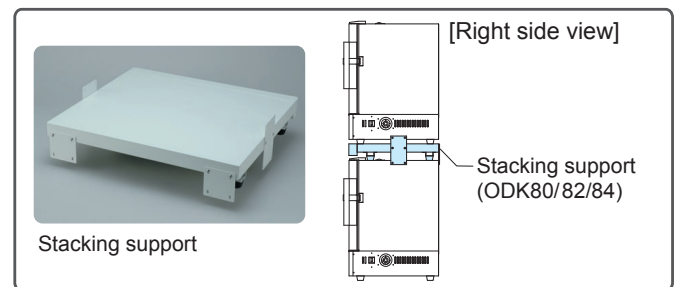
Stand



Shelf (Stainless punching metal) & Stacking support



Seismic mat



Stacking support

[Right side view]

Stacking support (ODK80/82/84)

Optional items

No.	Product name	Product code
①	Stand for DY300 ONS30	212801
②	Stand for DY400/600 ONS60	212802
③	Stacking Support for DY300 ODK80	212803
④	Stacking Support for DY400 ODK82	212804
⑤	Stacking Support for DY600 ODK84	212805
⑥	Stainless punching metal shelf for DY300, 1 pcs. (with shelf bracket 2pcs.)	212068
⑦	Stainless punching metal shelf for DY400, 1 pcs. (with shelf bracket 2pcs.)	212095
⑧	Stainless punching metal shelf for DY600, 1 pcs. (with shelf bracket 2pcs.)	212266
⑨	Seismic mat	296902

Dimensional Drawing (mm)

