

Forced Convection OvenDKN302

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Product Summary

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Same series products

Scientific and Industrial equipment   Constant temperature and drying oven

Forced Convection Oven

DKN302

Item Code : 212870

Model : DKN302

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Product Summary

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Same series products


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DKN302

Forced Convection Oven (DKN302)

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printing

Product Summary

Standard "Best Seller" ovens - Fully programmable

Features of Forced Convection Oven (DKN302)

Standard forced air convection ovens

Standard forced air convection ovens are programmable and come with extended functions and safety features.

Feature

Best seller based on excellent performance & affordability

Feature

Superior temperature accuracy

Feature

DKN302/402/602/612 come with observation windows

Feature

[https://www.yamato-scientific.com/product/show/dkn302\\_2/](https://www.yamato-scientific.com/product/show/dkn302_2/)

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Forced Convection OvenDKN302

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Digital setting, programmed, quick rate stop, rate stop, and rate start operating modes with easy control capabilities

Feature

Increased safety and Self-diagnostic function

Feature

Over-heating prevention and calibration off-set are possible with auxiliary functions

Feature

Easy to use and maintain

Feature

Built in exhaust ports

Safety features

Self diagnosis functions (Temperature sensor abnormal, Heater disconnection, SSR-short) Automatic overheating prevention, Electric leakage breaker with over current protection, Key lock function

Specifications

Specifications

Item Code	212870
Model	DKN302
Circulation method	Forced air circulation
Operating temp. range	Room temp. +10°C to 260°C
Temp. adjustment accuracy	±1°C (at 210°C)
Temp. distribution accuracy	±2.5°C (at 210°C)
Max. temp. reaching time	Approx. 90 min.
Interior/Exterior material	Stainless steel / Cold rolled steel plate with melamine resin baking finish
Heat insulating material	Glass wool
Heater	Stainless pipe heater
Heater	0.8kW
Fan Type / Fan Motor	Scirocco fan, Condenser type motor 10W
Cable hole	30mm I.D. (on the right side) 1pc.
Exhaust port	30mm I.D. x 2 (on top)
Observation window	180×180mm Chemical strengthening glass x 3
Temp. controller	3 patterns program controller, PID control by microprocessor
Temp. setting method	Digital setting by UP/DOWN key
Temp. display	Measurement temp. : Digital display by green LED Setting temp. : Digital display by red LED
Timer	1 min. to 99 Hrs. 59 min. and 100 Hrs. to 999 Hrs. 50 min. with timer wait function
Operation function	Fixed temperature operation, Program operation, Auto start, Quick Auto-stop

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Sensor			K-thermocouple	
Safety device			Self diagnosis functions (temp. sensor abnormal, Heater disconnection, SSR- short, Automatic overheating prevention), Key lock function, Overheat prevention, Electric leakage breaker with over current protection	
Shelf plate with standard load			~15kg/piece	
Shelf support step number/pitch			9 steps / 30mm	
Shelf plate			Stainless steel, 1pc on the bottom screwed (DKN912C, 2 pcs)	
Shelf plate / support			2 pcs. / 4 pcs.	
Internal dimensions (W×D×H mm)			300×300×300mm	
External dimensions (W×D×H mm)			410×451×670mm	
Remarks(dimensions)			27L	
Power Source			AC220V 4A Single-phase	
Weight			35kg	

Maintenance and warranty

Conditions: temperature and humidity: 23 deg.C+/-5 deg.C, 65%RH+/-20% (no load)  
External dimensions do not include protrusions.

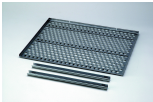
Optional items



External communication  
function (RS485) (ODK19)



External communication  
adapter (281126)



Stainless punching metal shelf  
(0212068)



Same series products



Forced Convection Oven  
(DKN602)



Forced Convection Oven  
(DKN612)



Forced Convection Oven  
(DKN812)

