

Economical Forced Convection OvenDKM300

Page Top	Product Summary	Specifications	Optional items	Same series products
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Scientific and Industrial equipment Constant temperature and drying oven

Economical Forced Convection Oven

DKM300

Item Code : 212876  
Model : DKM300

Page Top	Product Summary	Specifications	Optional items	Same series products
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DKM300

Economical Forced Convection Oven (DKM300)

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printing

Product Summary

Basic fixed setting forced air convection ovens

Features of Economical Forced Convection Oven (DKM300)

Basic fixed setting forced air convection ovens

Forced convection, constant temperature oven with simple operation functions.

Feature

Fixed temperature, Quick Auto stop, Auto stop, and Auto start operating modes are possible, along with easy control capabilities

Feature

Settings can be made digitally using the dedicated operation menu keys or the up and down keys

Feature

Auto recovery after power failure, calibration offset and key-lock are possible through the auxiliary functions

Economical Forced Convection OvenDKM300

[Page Top](#) [Product Summary](#) [Specifications](#) [Optional items](#) [Same series products](#)

Specifications

Specifications

Item Code	212876
Model	DKM300
Circulation method	Forced air circulation
Operating temperature range	Room temp. +10~260°C
Temp. control accuracy	±1°C (at 210°C)
Temp. distribution accuracy	±2.5°C (at 210°C)
Max. temp. reaching time	~90min (at room temp. +10°C~260°C)
Interior material	Stainless Steel
Exterior material	Cold rolled steel plate with melamine resin baking finish
Heat insulating material	Glass wool
Heater	SUS pipe heater
Heater	0.8kW
Fan type / Motor	Scirocco fan / Condenser type motor 10W
Cable port	30 mm I.D.×1 pc. (right side)
Exhaust port	30 mm I.D.×2 pcs.(the top)
Temp. controller	PID control by microprocessor
Temp. setting method	Operation menu key and digital setting by UP/DOWN key
Temp display method	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 time wait function)
Operation functions	Fixed temperature operation, Quick Auto-stop, Auto start, Auto stop
Additional functions	Calibration off-set function, Key lock, Uninterruptible power for memory
Heater circuit control	SSR control
Sensor	K-thermocouple
Safety device	Self diagnostic functions (Sensor trouble detection, Memory error, Measured temperature lower limit error, Measured temperature error), Auto overheat prevention, Independent overheat prevention.
Shelf plate with standard load	15kg/pc.
Shelf support step number	6 steps
Shelf support pitch	30mm
Shelf plate	Stainless steel
Shelf plate	2 pcs.
Shelf support	4 pcs.
Internal dimensions (W×D×H mm)	300×300×300mm
Internal capacity	27L

Economical Forced Convection OvenDKM300				
<a href="#">Page Top</a>	<a href="#">Product Summary</a>	<a href="#">Specifications</a>	<a href="#">Optional items</a>	<a href="#">Same series products</a>
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.

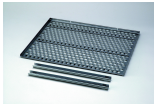
Optional items



Cable port (ODK32)



Cable port (ODK34)



Stainless punching metal shelf  
(0212068)



Same series products



Economical Forced Convection  
Oven (DKM400)



Economical Forced Convection  
Oven (DKM600)