

Fine Oven (Tall)DFS710

Page Top	Product Summary	Specifications	Optional items	Same series products
----------	-----------------	----------------	----------------	----------------------

Scientific and Industrial equipmentConstant temperature and drying oven

Fine Oven (Tall)
DFS710

Item Code : 211249
Model : DFS710

Page Top	Product Summary	Specifications	Optional items	Same series products
----------	-----------------	----------------	----------------	----------------------



DFS710、DHS810

Fine Oven (Tall) (DFS710)

Contact Us

printing

Product Summary

Optimum for various temperature characteristic tests.

Features of Fine Oven (Tall) (DFS710)

Features

Large volume type. Various heat treatments and characteristic tests of temperature are possible owing to the accurate temperature control and the large range of temperature. As the input system of the control panel is dialogical, anyone can input easily.

Features

A 16-segment program operation is possible.

Features

Forced hot air circulation and ventilation by a damper.

Features

Safety measures are enriched, including self-diagnosis function and an independent super heating prevention device.

Fine Oven (Tall)DFS710

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

Specifications

Item Code	211249
Model	DFS710
Method	Forced air circulation and ventilation
Operating temperature range	Room temp. +15~260℃
Max. temp. reaching time	Approx. 40 min.
Temperature adjustment accuracy	±0.2℃ (at 260℃)
Temperature distribution accuracy	±2.0℃ (at 260℃)
Interior material	Stainless steel
Exterior material	Cold rolled steel plate with melamine resin baking finish
Heat insulating material	Glass wool
Heater	Stainless pipe heater with fan
Heater	4.5kW
Fan type	Scirocco fan
Motor	Condenser type
Cable port	33mm I.D. : 1pc
Exhaust port	80mm I.D. : 1pc
Temp. controller	PID control by microprocessor
Temp. setting method	Digital setting with UP/DOWN key
Temp display method	Digital display by green LED and orange LED
Other display	Operation monitor (Operation condition graphic display by LED patterns)
Timer	1 min. to 99 hrs. 59 min
Operation function	Fixed temperature operation, Auto-start operation, Auto-stop operation, Program operation
Additional functions	Variable wind velocity function, Calendar timer (max. 24 hrs.), Integration time (max. 65535 hrs.), Time display, amount of electricity saved / Carbon dioxide emission / Heater operation amount display (Switching display),
Additional functions	Power fail recovery mode selection, Store and recall user settings, External communication terminal (RS485)
Heater circuit control	Triac zero-cross control
Temp. sensor	K-thermocouple (double sensor)
Safety countermeasures	Self diagnosis functions(Sensor, Fan, Heater, Triac, Automatic overheating prevention), Independent overheating prevention, Key lock function, Electric leakage breaker, Door switch, Switch for control box
Withstand load of shelf board	Approx. 30kg/piece
Shelf support step number	27 steps
Shelf support pitch	30mm
Accessories Shelf	Stainless steel wire
Accessories Shelf	2 pcs
Accessories Shelf support	4 pcs
Internal dimensions (W×D×H mm)	620×750×900mm

Fine Oven (Tall)DFS710

Page Top	Product Summary	Specifications	Optional items	Same series products
Power Source			Single-phase	
Weight			175kg	

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

Stainless punching metal shelf (ODQ40)

NO IMAGE

External communication adapter set (OIN90)

Stainless mesh basket shelf (ODT14)

Same series products

Fine Oven (Tall) (DFS810)