

Products for Industry

Natural Convection Oven (Programmable)

DVS402

Item Code : 212862

Model : DVS402

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DVS402、DVS602、Stand is option

Natural Convection Oven (Programmable) (DVS402)

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Product Summary

Highly practical standard and programmable ovens

Features of Natural Convection Oven (Programmable) (DVS402)

Features

Programmable natural convection, constant temperature oven with quickly performed program settings

Operation and functions

Excellent temperature accuracy

Operation and functions

Easy to use and maintain

Operation and functions

Equipped with a 6 pattern PID program controller with easy program settings (30 steps x 1, 15 steps x 2, 10 steps x 3)

Operation and functions

Simultaneously display of set constant and measured temperature

Operation and functions

Quick Auto stop, Auto Start / Stop operation

Operation and functions

Increased safety and self-diagnostic function

Operation and functions

With calibration off-set function

Safety features

Self diagnosis functions (Temp. sensor abnormal, Heater disconnection, Internal communication error, temperature input circuit abnormality, Automatic overheat prevention function, SSR-short), Overheat prevention, Electric leakage breaker with over current protection

Specifications

Specifications

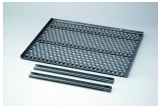
Item Code	212862
Model	DVS402
Method	Natural gravity convection
Operating temp. range	Room temp. + 5~260°C
Temp. control accuracy	±1°C (at 260°C)
Temp. distribution accuracy	±5°C (at 260°C)
Max. temp. reaching time	Approx. 90 min.
Interior material	Stainless steel
Exterior material	Cold rolled steel plate with melamine resin baking finish
Heat insulating material	Glass wool
Heater	Stainless pipe heater
Heater	1.2kW
Observation window	250×280 mm Chemically strengthened glass×3
Cable hole	30 mm I.D.×1 pcs.(right side)
Exhaust port	30 mm I.D.×2 pcs.(on top)
Temp. controller	3 patterns program 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.
Operation function	Fixed temperature operation, Program operation, Auto start, Auto stop, Quick Auto-stop
Program mode	Program operation: 6 pattern, 30 steps (30 steps×1, 15 steps×2, 10 steps×3)
Additional functions	Calibration off-set function, Key lock, Uninterruptible power for memory, Pattern repeat function
Heater circuit control	SSR control
Sensor	K-thermocouple
Safety device	Self diagnosis functions (Temp. sensor abnormal, Heater disconnection, SSR- short, Memory abnormal
Safety device	Automatic overheating prevention), Overheat prevention, Electric leakage breaker with over current protection
Shelf plate load	Approx. 15kg / pcs.
Shelf support step number / pitch	9 steps / 30mm
Shelf plate / Shelf bracket	Stainless steel, 2 pcs. / 4 pcs.
Internal dimensions (W×D×H mm)	450×490×450mm
External dimensions (W×D×H mm)	560×601×820mm
Remarks(dimensions)	99L
Power Source	AC220V 6A Single-phase
Weight	48kg

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



Cable port (25mm Dia.)



Cable port (50mm Dia.)



Same series products



Natural Convection Oven
(Programmable) (DVS602)