

## Drying Oven Natural Convection, LCD Screen

### Standard type:

1. The shell is made of high-quality cold-rolled steel plate, and the surface is treated by electrostatic spraying process.
2. The working room is made of high-quality mirror-finished stainless steel, and the four corners are in arc transitions. The surface is treated by anti-corrosion process. The spacing of the partitions is adjustable. The quick detachable structure of the bottom heating cover is convenient for cleaning.
3. The PID microcomputer intelligent temperature controller has functions such as precise timing of temperature control, over-temperature alarm, precise temperature control, and convenient reading.
4. The box door with new structure has good heat insulation effect. There is a double-layer tempered glass observation window with a large viewing angle in the middle, equipped with a lock-type elastic adjustment door lock, and a high-temperature resistant silicone sealing strip to ensure good tightness and prevent heat loss.
5. The heating power has two gears, which can meet the needs of users at high and low temperature.

**Functional type:** In addition to the standard functions, it also has the following functions:

1. Large-screen LCD displays.
2. The independent temperature limit system has the function of over-temperature interruption. When the main controller fails, it will alarm and cut off the output in time, which double protects the safety of the experiment.



Model	DON-30	DON-45	DON-65	DON-100	DON-125
Temperature range	RT+10~250°C				
Temperature Uniformity	±1.0°C				
Temperature resolution	0.1°C				
Ambient temperature	+5~40°C				
Timing range	1-9999min				
Load per rack (kg)	15/kg 2 for standard configuration				
Consumption	500W	600W	800W	1200W	1500W
Volume (L)	30	45	65	125	125
Power Supply	AC110/220V±10%, 50/60Hz				
Internal Size(W*D*H) mm	310*310*310	350*350*350	400*360*450	400*450*560	500*450*550
External Size(W*D*H) mm	460*510*695	500*550*735	550*550*840	500*550*760	636*680*915
Package Size(W*D*H) mm	550*570*765	620*585*800	640*640*905	600*650*900	730*720*1000
Net/Gross Weight	38/51kg	41/54kg	42/59kg	55/60kg	52/65kg
Customize size available (25/50/60/80/150/200/250/300/400/500/600/800/1000/..... Liter)					

## Drying Oven Forced Convection, LCD Screen

DOF series blast drying oven has the characteristics of new model, advanced technology, accurate temperature control, stable performance, easy maintenance, convenient operation and so on. It is suitable for drying, baking, wax melting and heat treatment in laboratories of industrial and mining enterprises, scientific research institutes, medicine and health institutions etc



Model	DO-25F	DO-30F	DO-50F	DO-65F	DO-125F
Capacity	25L	30L	50L	65L	125L
Temp. Range	RT+10~250°C				
Temp. Fluctuation	±1°C				
Temp. Resolution	±0.1°C				
Ambient Temp.	+5~40°C				
Timing range	1~9999min				
Shelves	2pcs/adjustable max. load 15kg/shelf				
Consumption	400W	500W	800W	1000W	1500W
Power Supply	AC220V, 50Hz				
Internal Size(W*D*H)	300*300*300mm	310*310*310mm	360*360*390mm	400*360*450mm	500*450*550mm
External Size(W*D*H)	460*510*695mm	460*510*695mm	500*550*735mm	550*550*840mm	636*680*915mm
Package Size(W*D*H)	600*560*780mm	600*560*780mm	620*585*800mm	640*640*905mm	730*720*1000mm
Net/Gross Weight	25/34kg	25/34kg	42/56kg	47/61kg	156/71kg



**U disk printing controller (Optional)**

- ❖ Simultaneously control and connect micro-printer, U disk, remote communication
- ❖ Automatically identify printer, U disk, communication failure alarm
- ❖ Real-time data record
- ❖ Can be matched with any communication product of our company



**4.3" Touch Screen Data Storage, Data Export to USB Flash Drive (Optional)**

- ❖ High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, shorter time to achieve set value, better temperature control accuracy, can be extended to multi-segments programmable control
- ❖ Multipoint temperature correction function;
- ❖ Three-level permission management function for FDA requirements
- ❖ Have the function of appointment running, timing and power-off memory
- ❖ The controller has screen locking function to avoid migration;

**Customize size available (80/100/150/200/250/300/400/500/600/800/1000/..... Liter)**

## Hot Air Oven / Lab Drying Oven Forced Convection DO-FV Series

### Features

- ❖ Unique air duct design, and good temperature uniformity.
- ❖ Microprocessor controller (with temperature correction and timing function)
- ❖ Large LCD screen display.

### Technical Parameters:

- ❖ Temp. Accuracy:  $\pm 0.1^{\circ}\text{C}$
- ❖ Temp. Uniformity:  $\pm 1^{\circ}\text{C}$
- ❖ Temp. Resolution:  $0.1^{\circ}\text{C}$
- ❖ Temp. Fluctuation:  $\pm 0.5^{\circ}\text{C}$
- ❖ Timer: 0 to 9999 Min/Hr
- ❖ Power Supply: AC 220V, 50Hz

### Safety:

- ❖ Short Circuit Protection
- ❖ Over voltage-Under voltage Protection
- ❖ Sensor Error signaling
- ❖ Over heat protection

- ❖ High-quality stainless steel chamber, removable shelf, easy to clean.
- ❖ Silicon sealing ring for reliable sealing
- ❖ Equipped with leakage protection

### Options:

- ❖ Multi-segment programmable control
- ❖ Built-in printer
- ❖ RS485 interface
- ❖ UV Sterilizer
- ❖ **Optional Glass door**



Vertical Series



Horizontal Series



U disk printing controller (Optional)

- ❖ Simultaneously control and connect micro-printer U disk, remote communication
- ❖ Automatically identify printer, U disk, communication failure alarm
- ❖ Real-time data record
- ❖ Can be matched with any communication product of our company



4.3" Touch Screen Data Storage, Data Export to USB Flash Drive (Inbuilt in Machine Optional)

- ❖ High resolution touch screen, aesthetic and elegant interface, multiple sets of data displayed on one screen, easy to operate,
- ❖ Intelligent fuzzy PID control, shorter time to achieve set value, better temperature control accuracy, can be extended to multi-segments programmable control
- ❖ Multipoint temperature correction function;
- ❖ Three-level permission management function for FDA requirements
- ❖ Have the function of appointment running, timing and power-off memory
- ❖ The controller has screen locking function to avoid migration;

Model	Temp. Range	Exterior Size (W×D×H) cm	Chamber Size (W×D×H) cm	Shelf	Power Rating (W)	Gross Weight (kg)
DO-FV100	Ambient +5 to 250°C	45 x 45 x 50	60 x 60 x 70	2	800	70
DO- FV150		50 x 50 x 60	65 x 65 x 80	3	1200	80
DO- FV200		50 x 50 x 80	65 x 65 x 100	4	1200	100
DO- FV300		60 x 60 x 84	75 x 80 x 104	4	1500	130
DO- FV400		60 x 60 x 112	75 x 95 x 132	5	1800	150
DO- FV500		60 x 60 x 112	75 x 85 x 132	6	1800	200
DO- FV700		60 x 75 x 112	75 x 100 x 132	6	2000	240
DO- FV1000		80 x 90 x 140	95 x 115 x 160	8	2200	300