

**Infitek**

## DRYING OVEN



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# Natural Convection Drying Oven

DON-H45E DON-H45 DON-H70E DON-H70  
DON-H140E DON-H140 DON-H230E DON-H230



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.



### Dedicated sheet metal processing (Without E types)

The shelf can be disassembled and can be freely adjusted up and down

The inner chamber is made of high-quality stainless steel, with strong corrosion resistance.



### Dedicated sheet metal processing (E types)

The shelf can be disassembled and can be freely adjusted up and down

The inner chamber is made of high strength galvanized sheet, with strong corrosion resistance.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.



## Application

The product is used for drying, baking, waxing and sterilization in industrial and mining enterprises, laboratories and scientific research institutions.

Optional

Spare shelf



DON-H45E    DON-H45    DON-H70E  
DON-H70    DON-H140E    DON-H140  
DON-H230E    DON-H230



DON-H45E    DON-H45    DON-H70E  
DON-H70    DON-H140E    DON-H140  
DON-H230E    DON-H230

Specifications

| Model                        |                     | DON-H45E / DON-H45                                                          |  | DON-H70E / DON-H70 |  | DON-H140E / DON-H140                                                        |  | DON-H230E / DON-H230 |  |
|------------------------------|---------------------|-----------------------------------------------------------------------------|--|--------------------|--|-----------------------------------------------------------------------------|--|----------------------|--|
| Capacity (L)                 |                     | 43                                                                          |  | 71                 |  | 136                                                                         |  | 225                  |  |
| Circulation                  |                     | Natural convection                                                          |  |                    |  | Natural convection                                                          |  |                      |  |
| Dimension<br>(W*D*H)         | Internal (mm)       | 350*350*350                                                                 |  | 450*350*450        |  | 550*450*550                                                                 |  | 600*500*750          |  |
|                              | External (mm)       | 652*472*587                                                                 |  | 752*472*687        |  | 852*572*786                                                                 |  | 902*622*986          |  |
| Temperature                  | Range (℃)           | RT+10 ~ 250                                                                 |  |                    |  | RT+10 ~ 250                                                                 |  |                      |  |
|                              | Fluctuation (℃)     | ±1                                                                          |  |                    |  | ±1                                                                          |  |                      |  |
|                              | Resolution (℃)      | 0.1                                                                         |  |                    |  | 0.1                                                                         |  |                      |  |
|                              | Uniformity (℃)      | ±3.5%                                                                       |  |                    |  | ±3.5%                                                                       |  |                      |  |
|                              | Sensor              | PT100                                                                       |  |                    |  | PT100                                                                       |  |                      |  |
| Controller                   |                     | PID                                                                         |  |                    |  | PID                                                                         |  |                      |  |
| Display                      |                     | Digital LED                                                                 |  |                    |  | Digital LED                                                                 |  |                      |  |
| Timer (min)                  |                     | 0 ~ 9999 (with timing wait function)                                        |  |                    |  | 0 ~ 9999 (with timing wait function)                                        |  |                      |  |
| Material                     | Internal            | without E model: stainless steel;<br>E model: High strength galvanizedsheet |  |                    |  | without E model: stainless steel;<br>E model: High strength galvanizedsheet |  |                      |  |
|                              | External            | Cold rolled steel electrostatic spraying exterior                           |  |                    |  | Cold rolled steel electrostatic spraying exterior                           |  |                      |  |
| Shelves (Standard / Max )    |                     | 2 / 9                                                                       |  | 2 / 13             |  | 2 / 17                                                                      |  | 2 / 25               |  |
| Test Hole (mm)               |                     | Standard Ø35mm top with function of test hole                               |  |                    |  | Standard Ø35mm top with function of test hole                               |  |                      |  |
| Safety Device                |                     | Over temperaure visible & audible alarm                                     |  |                    |  | Over temperaure visible & audible alarm                                     |  |                      |  |
| Electricity                  | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                                                    |  |                    |  | AC 220 / 110V, 50 / 60Hz                                                    |  |                      |  |
|                              | Consumption (W)     | 1200                                                                        |  | 1600               |  | 2300                                                                        |  | 3000                 |  |
| N.W. / G.W. (kg)             |                     | 33 / 43.5                                                                   |  | 45 / 50            |  | 62/68                                                                       |  | 77/96                |  |
| Package Dimension(W*D*H)(mm) |                     | 760*620*760                                                                 |  | 850*610*850        |  | 960*730*960                                                                 |  | 1000*780*1160        |  |
| Optional                     |                     | Spare shelf                                                                 |  |                    |  | Spare shelf                                                                 |  |                      |  |

# Natural Convection Drying Oven

DON-18E    DON-18



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

Without E types: The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

E types: The inner chamber is made of high strength galvanized sheet, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.

## Application

The product is used for drying, baking, waxing and sterilization in industrial and mining enterprises, laboratories and scientific research institutions.

## Safety

With over temperature control of visible & audible alarm system.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

## Optional

Spare shelf



## Specifications

| Model                     |                     | DON-18E / DON-18                                                                        |
|---------------------------|---------------------|-----------------------------------------------------------------------------------------|
| Capacity                  |                     | 18L                                                                                     |
| Circulation Mode          |                     | Natural convection                                                                      |
| Dimension (W*D*H)         | Internal            | 260*260*260 mm                                                                          |
|                           | External            | 380*455*568 mm                                                                          |
| Temperature               | Range               | RT+10 ~ 300 °C                                                                          |
|                           | Fluctuation         | ±1 °C                                                                                   |
|                           | Resolution          | 0.1 °C                                                                                  |
|                           | Uniformity          | ±3.5% °C                                                                                |
|                           | Sensor              | PT100                                                                                   |
| Controller                |                     | PID                                                                                     |
| Display                   |                     | Digital LED                                                                             |
| Timer                     |                     | 0 ~ 9999min (with timing wait function)                                                 |
| Material                  | Internal            | Without E model: mirror stainless steel<br>With E model: high strength galvanized sheet |
|                           | External            | Cold rolled steel electrostatic spraying exterior                                       |
| Shelves (Standard / Max ) |                     | 2 / 6                                                                                   |
| Exhaust Hole              |                     | Standard Ø35mm top with function of test hole                                           |
| Safety Device             |                     | Over temperaure visible & audible alarm                                                 |
| Electricity               | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                                                                |
|                           | Consumption         | 600                                                                                     |
| N.W. / G.W.               |                     | 27 / 35kg                                                                               |
| Package Dimension (W*D*H) |                     | 520*490*655mm                                                                           |
| Optional                  |                     | Spare shelf                                                                             |

## Forced Air Drying Oven

DOF-V30A DOF-V30B DOF-V70A DOF-V70B  
DOF-V140A DOF-V140B DOF-V240A DOF-V240B  
DOF-V420A DOF-V420B DOF-V600A DOF-V600B  
DOF-V900A DOF-V900B



DOF-V70A DOF-V70B  
DOF-V140A DOF-V140B  
DOF-V240A DOF-V240B



### Internal circulation system

Back suction and bottom forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.

The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.

### Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display.

Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



### Dedicated sheet metal processing

Built in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



With over temperature control of visible& audible alarm system.



Self-diagnosis function.

### Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

Optional

- Spare shelf
- Multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer)
- Digital independent temperature limiter

Specifications



| Model                        |                     | DOF-V30A                                                                                                                                           | DOF-V70A     | DOF-V140A    | DOF-V240A                                                                                                                                          | DOF-V420A                                                            | DOF-V600A     | DOF-V900A     |
|------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------|---------------|
|                              |                     | DOF-V30B                                                                                                                                           | DOF-V70B     | DOF-V140B    | DOF-V240B                                                                                                                                          | DOF-V420B                                                            | DOF-V600B     | DOF-V900B     |
| Capacity (L)                 |                     | 30                                                                                                                                                 | 70           | 135          | 220                                                                                                                                                | 420                                                                  | 600           | 900           |
| Circulation Mode             |                     | Forced convection                                                                                                                                  |              |              | Forced convection                                                                                                                                  |                                                                      |               |               |
| Dimension (W*D*H)            | Internal (mm)       | 340*325*290                                                                                                                                        | 400*360*500  | 500*450*600  | 550*500*800                                                                                                                                        | 600*550*1300                                                         | 800*600*1300  | 1000*600*1600 |
|                              | External (mm)       | 490*520*690                                                                                                                                        | 540*550*870  | 640*680*970  | 690*700*1140                                                                                                                                       | 750*730*1700                                                         | 950*780*1720  | 1140*800*2150 |
| Temperature                  | Range (℃)           | A: RT+10 ~ 250    B: RT+10 ~ 300                                                                                                                   |              |              | A: RT+10 ~ 250    B: RT+10 ~ 300                                                                                                                   |                                                                      |               |               |
|                              | Fluctuation (℃)     | ±0.5                                                                                                                                               |              |              | ±0.5                                                                                                                                               |                                                                      |               |               |
|                              | Resolution (℃)      | ±0.1                                                                                                                                               |              |              | ±0.1                                                                                                                                               |                                                                      |               |               |
|                              | Uniformity (℃)      | ±2.5%                                                                                                                                              |              |              | ±2.5%                                                                                                                                              |                                                                      |               |               |
|                              | Sensor              | PT100                                                                                                                                              |              |              | PT100                                                                                                                                              |                                                                      |               |               |
| Controller                   |                     | PID                                                                                                                                                |              |              | PID                                                                                                                                                |                                                                      |               |               |
| Display                      |                     | High efinition LCD                                                                                                                                 |              |              | LCD                                                                                                                                                |                                                                      |               |               |
| Timer (min)                  |                     | 1 ~ 9999                                                                                                                                           |              |              | 1 ~ 9999                                                                                                                                           |                                                                      |               |               |
| Material                     | Internal            | High-quality brushed stainless steel                                                                                                               |              |              | Stainless steel                                                                                                                                    |                                                                      |               |               |
|                              | External            | Electro-galvanized steel with antimicrobial powder coating                                                                                         |              |              | Electro-galvanized steel with antimicrobial powder coating                                                                                         |                                                                      |               |               |
| Shelves (Standard)           |                     | 2                                                                                                                                                  |              |              | 2                                                                                                                                                  | 3                                                                    | 4             |               |
| Test Hole (Optional) (mm)    |                     | Ø25, 50, 80                                                                                                                                        |              |              | Ø25, 50, 80                                                                                                                                        |                                                                      |               |               |
| Safety Device                |                     | Leakage protector, over temperaure visible & audible alarm                                                                                         |              |              | Leakage protector, over temperaure visible & audible alarm                                                                                         |                                                                      |               |               |
| Electricity                  | Voltage / Frequency | AC 220/110V, 50/60Hz                                                                                                                               |              |              | AC 220/110V, 50/60Hz                                                                                                                               | (DOF-V420A)AC 220/380V, 50/60Hz;    (Other models ) AC 380V, 50/60Hz |               |               |
|                              | Consumption (W)     | 550/600                                                                                                                                            | 1050/1250    | 1500/1700    | 2100/2500                                                                                                                                          | 4000/4500                                                            | 4500/5000     | 6000/6500     |
| N.W. / G.W. (kg)             |                     | 40 / 46                                                                                                                                            | 55 / 60      | 70 / 90      | 85/115                                                                                                                                             | 120/160                                                              | 145 / 210     | 195 / 285     |
| Package Dimension(W*D*H)(mm) |                     | 650*620*820                                                                                                                                        | 700*700*1070 | 720*880*1070 | 870*860*1320    870*850*1300                                                                                                                       | 950*910*1910                                                         | 1080*950*1940 | 1250*930*2270 |
| Optional                     |                     | Spare shelf, multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter. |              |              | Spare shelf, multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter. |                                                                      |               |               |

# Forced Air Drying Oven

DOF-B20A DOF-B50A DOF-B100A  
DOF-B200A DOF-B625A



## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Intelligent control

Large high definition LCD display, with intelligent PID control, parameter real-time display.

Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



### Internal circulation system

Back suction and bottom forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.

The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.



### Humanized design

Built in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.



With over temperature control of visible & audible alarm system.



Self-diagnosis function.

## Application

Designed and used for drying, baking, wax melting and sterilization in industrial and mining enterprises, laboratories, R&D institutions, etc.

Optional

- Spare shelf
- Multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer)
- Digital independent temperature limiter



DOF-B20A    DOF-B50A  
DOF-B100A    DOF-B200A    DOF-B625A



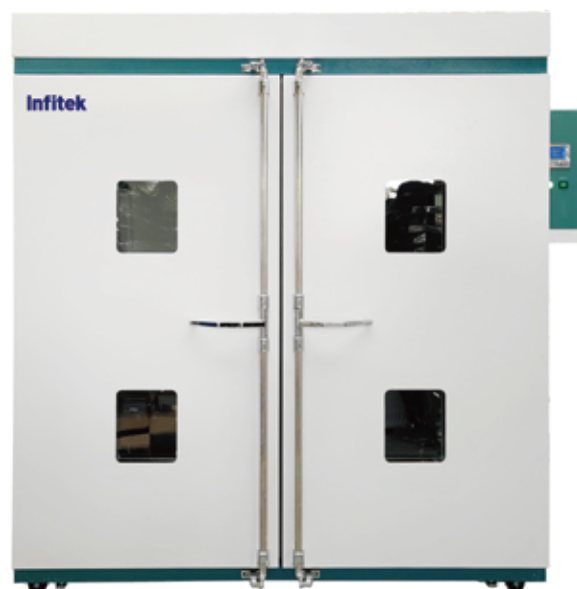
DOF-B20A    DOF-B50A  
DOF-B100A    DOF-B200A    DOF-B625A

Specifications

| Model                         |                     | DOF-B20A                                                                                                                    |  | DOF-B50A    |  | DOF-B100A                                                                                                                   |  | DOF-B200A    |  | DOF-B625A      |  |
|-------------------------------|---------------------|-----------------------------------------------------------------------------------------------------------------------------|--|-------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|--------------|--|----------------|--|
| Capacity (L)                  |                     | 30                                                                                                                          |  | 51          |  | 138                                                                                                                         |  | 188          |  | 640            |  |
| Circulation Mode              |                     | Forced convection                                                                                                           |  |             |  | Forced convection                                                                                                           |  |              |  |                |  |
| Dimension (W*D*H)             | Internal (mm)       | 340*320*320                                                                                                                 |  | 420*350*350 |  | 550*450*560                                                                                                                 |  | 600*550*570  |  | 800*800*1000   |  |
|                               | External (mm)       | 630*570*500                                                                                                                 |  | 710*520*520 |  | 845*700*730                                                                                                                 |  | 890*730*780  |  | 1090*980*1180  |  |
| Temperature                   | Range (℃)           | RT+10~250                                                                                                                   |  |             |  | RT+10~250                                                                                                                   |  |              |  |                |  |
|                               | Fluctuation (℃)     | ±0.5                                                                                                                        |  |             |  | ±0.5                                                                                                                        |  |              |  |                |  |
|                               | Resolution (℃)      | 0.1                                                                                                                         |  |             |  | 0.1                                                                                                                         |  |              |  |                |  |
|                               | Uniformity (℃)      | ±2.5%                                                                                                                       |  |             |  | ±2.5%                                                                                                                       |  |              |  |                |  |
|                               | Sensor              | PT100                                                                                                                       |  |             |  | PT100                                                                                                                       |  |              |  |                |  |
| Controller                    |                     | PID                                                                                                                         |  |             |  | PID                                                                                                                         |  |              |  |                |  |
| Display                       |                     | High efinition LCD                                                                                                          |  |             |  | High efinition LCD                                                                                                          |  |              |  |                |  |
| Timer (min)                   |                     | 1~9999min                                                                                                                   |  |             |  | 1~9999min                                                                                                                   |  |              |  |                |  |
| Material                      | Internal            | High-quality brushed stainless steel                                                                                        |  |             |  | High-quality brushed stainless steel                                                                                        |  |              |  |                |  |
|                               | External            | Electro-galvanized steel with antimicrobial powder coating                                                                  |  |             |  | Electro-galvanized steel with antimicrobial powder coating                                                                  |  |              |  |                |  |
| Shelves (Standard )           |                     | 2                                                                                                                           |  |             |  | 2                                                                                                                           |  |              |  |                |  |
| Test Hole (Optional) (mm)     |                     | Φ25,50,80mm                                                                                                                 |  |             |  | Φ25,50,80mm                                                                                                                 |  |              |  |                |  |
| Safety Device                 |                     | Leakage protector ,over temperaure visible& audible alarm                                                                   |  |             |  | Leakage protector ,over temperaure visible& audible alarm                                                                   |  |              |  |                |  |
| Electricity                   | Voltage / Frequency | AC 220/110V, 50/60Hz                                                                                                        |  |             |  | AC 220/110V, 50/60Hz                                                                                                        |  |              |  | AC 380V / 50Hz |  |
|                               | Consumption (W)     | 500                                                                                                                         |  | 750         |  | 1500                                                                                                                        |  | 2000         |  | 4000           |  |
| N.W. / G.W.(kg)               |                     | 27 / 30                                                                                                                     |  | 42 / 55     |  | 70 / 77                                                                                                                     |  | 86 / 97      |  | 155/175        |  |
| Package Dimension (W*D*H)(mm) |                     | 760*670*580                                                                                                                 |  | 840*710*720 |  | 950*800*930                                                                                                                 |  | 1030*890*990 |  | 1200*1280*1120 |  |
| Optional                      |                     | Digital independent temperature limiter ,multi-segment programable control (Optional USB,RS485/232 and printer),spare shelf |  |             |  | Digital independent temperature limiter ,multi-segment programable control (Optional USB,RS485/232 and printer),spare shelf |  |              |  |                |  |

## Forced Air Drying Oven

DOF-640E DOF-640 DOF-1000E DOF-1000  
DOF-1300E DOF-1300 DOF-1870E DOF-1870  
DOF-3070E DOF-3070



DOF-1300E DOF-1300 DOF-1870E DOF-1870  
DOF-3070E DOF-3070



### Intelligent control

Digital display, with intelligent microcomputer control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.

### Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



### Internal circulation system

Back suction forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

Without E types: The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

E types: The inner chamber is made of Iron sheet, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory.



### Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

Optional

Multi-segment programable control, spare shelf, RS485 port, built-in printer

Specifications



DOF-1300E    DOF-1300  
DOF-1870E    DOF-1870  
DOF-3070E    DOF-3070

| Model                          |                     | DOF-640E/DOF-640                                                             |  | DOF-1000E/DOF-1000 |  | DOF-1300E/DOF-1300                                                           |  | DOF-1870E/DOF-1870 |  | DOF-3070E/DOF-3070 |  |
|--------------------------------|---------------------|------------------------------------------------------------------------------|--|--------------------|--|------------------------------------------------------------------------------|--|--------------------|--|--------------------|--|
| Capacity (L)                   |                     | 640                                                                          |  | 1000               |  | 1300                                                                         |  | 1870               |  | 3070               |  |
| Circulation Mode               |                     | Forced convection                                                            |  |                    |  | Forced convection                                                            |  |                    |  |                    |  |
| Dimension<br>(W*D*H)           | Internal (mm)       | 800*800*1000                                                                 |  | 1000*1000*1000     |  | 1000*1000*1300                                                               |  | 1200*1200*1300     |  | 1600*1200*1600     |  |
|                                | External (mm)       | 940*1000*1400                                                                |  | 1040*1200*1400     |  | 1230*1200*1670                                                               |  | 1330*1400*1670     |  | 1750*1400*2070     |  |
| Temperature                    | Range (℃)           | RT+10 ~ 250                                                                  |  |                    |  | RT+10 ~ 300                                                                  |  |                    |  |                    |  |
|                                | Fluctuation (℃)     | ±1                                                                           |  |                    |  | ±1                                                                           |  |                    |  |                    |  |
|                                | Resolution (℃)      | 0.1                                                                          |  |                    |  | 0.1                                                                          |  |                    |  |                    |  |
|                                | Uniformity (℃)      | ±3%                                                                          |  |                    |  | ±3%                                                                          |  |                    |  |                    |  |
|                                | Sensor              | PT100                                                                        |  |                    |  | PT100                                                                        |  |                    |  |                    |  |
| Controller                     |                     | PID                                                                          |  |                    |  | PID                                                                          |  |                    |  |                    |  |
| Display                        |                     | Digital LED                                                                  |  |                    |  | Digital LED                                                                  |  |                    |  |                    |  |
| Timer (min)                    |                     | 0 ~ 9999 (with timing wait function)                                         |  |                    |  | 0~9999 (with timing wait function)                                           |  |                    |  |                    |  |
| Material                       | Internal            | E: Iron sheet    Without E: Stainless steel                                  |  |                    |  | E: Iron sheet    Without E :Stainless steel                                  |  |                    |  |                    |  |
|                                | External            | Galvanized sheet electrostatic spraying exterior                             |  |                    |  | Galvanized sheet electrostatic spraying exterior                             |  |                    |  |                    |  |
| Shelves (Standard / Max )      |                     | 2 / 11                                                                       |  | 2 / 11             |  | 2 / 15                                                                       |  | 2 / 15             |  | 2 / 18             |  |
| Test Hole (mm)                 |                     | On top or side                                                               |  |                    |  | On top or side                                                               |  |                    |  |                    |  |
| Safety Device                  |                     | Over temperaure visible & audible alarm, overheat power off                  |  |                    |  | Over temperaure visible & audible alarm, overheat power off                  |  |                    |  |                    |  |
| Electricity                    | Voltage / Frequency | 380V, 50Hz                                                                   |  |                    |  | 380V, 50Hz                                                                   |  |                    |  |                    |  |
|                                | Consumption (W)     | 6000                                                                         |  | 6600               |  | 9000                                                                         |  | 12000              |  | 15000              |  |
| N.W. / G.W. (kg)               |                     | 200 / 250                                                                    |  | 260/ 310           |  | 350 / 400                                                                    |  | 480 / 530          |  | 800 / 850          |  |
| Package Dimension (W*D*H) (mm) |                     | 1040*1110*1520                                                               |  | 1260*1290*1520     |  | 1350*1300*1890                                                               |  | 1550*1500*1890     |  | 1950*1500*2290     |  |
| Optional                       |                     | Multi-segment programable control, spare shelf, RS485 port, built-in printer |  |                    |  | Multi-segment programable control, spare shelf, RS485 port, built-in printer |  |                    |  |                    |  |

Forced-Air Drying Oven

DOF-85 DOF-85E



Key Features



Intelligent control

Microcomputer intelligent PID temperature controller  
Menu-type operation interface, simple and convenient, can quickly set temperature and time parameters.



Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.  
Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

Internal circulation system

Forced convection system.  
Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.

Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.  
The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.

Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

Optional

Model with E: spare shelf  
Model without E: spare shelf, USB,RS485 interface, printer, program temperature control device



Specifications

| Model                          |                   | DOF-85                                                                                  | DOF-85E                                |
|--------------------------------|-------------------|-----------------------------------------------------------------------------------------|----------------------------------------|
| Capacity(L)                    |                   | 85                                                                                      |                                        |
| Circulation Mode               |                   | Forced convection                                                                       |                                        |
| Dimension (W*D*H)              | Internal (mm)     | 450*420*450                                                                             |                                        |
|                                | External (mm)     | 590*610*830                                                                             |                                        |
| Temperature                    | Range (℃)         | RT+10-300                                                                               |                                        |
|                                | Fluctuation (℃)   | ±1                                                                                      |                                        |
|                                | Resolution (℃)    | 0.1                                                                                     |                                        |
|                                | Uniformity (℃)    | ±2.5%                                                                                   |                                        |
|                                | Sensor            | PT100                                                                                   |                                        |
| Controller                     |                   | PID                                                                                     |                                        |
| Display                        |                   | LCD                                                                                     | LED                                    |
| Timer                          |                   | 0-9999min                                                                               |                                        |
| Material                       | Internal          | Mirror Stainless Steel                                                                  |                                        |
|                                | External          | Cold rolling steel electrostatic spraying exterior                                      |                                        |
| Shelves (Standard / Max )      |                   | 2 / 8                                                                                   |                                        |
| Test Hole (Optional)           |                   | φ35mmTop (with test hole function)                                                      |                                        |
| Safety Device                  |                   | Digital display independent temperature limiter, over-temperature sound and light alarm | Over temperature sound and light alarm |
| Electricity                    | Voltage/Frequency | AC 220/110V, 50/60Hz                                                                    |                                        |
|                                | Consumption (W)   | 2000W                                                                                   |                                        |
| N.W. / G.W.(kg)                |                   | 50/56                                                                                   |                                        |
| Package Dimension (W*D*H) (mm) |                   | 690*695*1000                                                                            |                                        |
| Optional                       |                   | Spare shelf, USB,RS485 interface, printer, program temperature control device           | Spare shelf                            |

Vacuum Oven

DOV-25S DOV-55S DOV-90S



Key Features



Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



Intelligent control

Large high efinition LCD display,with intelligent PID control, parameter real-time display.



Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality stainless steel, with strong corrosion resistance.

4-sides heating method, temperature conduction by shelves.



Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.

Application

Vacuum drying oven is designed for drying heat-sensitive, easily decomposed, easily oxidized substances, widely used in medicine, food, light industry, chemical industry, agricultural scientific research, environmental protection and other experimental fields.

Safety

With over temperature control of visible & audible alarm system.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

Optional

Spare shelf, silica gel connecting pipe, vacuum pump.



Specifications

| Model                         |                     | DOV-25S                                              | DOV-55S     | DOV-90S     |
|-------------------------------|---------------------|------------------------------------------------------|-------------|-------------|
| Capacity(L)                   |                     | 24                                                   | 52          | 91          |
| Heating Mode                  |                     | Four sides heating                                   |             |             |
| Dimension (W*D*H)             | Internal (mm)       | 300*300*270                                          | 415*370*340 | 450*450*450 |
|                               | External (mm)       | 480*480*606                                          | 560*540*680 | 640*590*780 |
| Temperature                   | Range (℃)           | RT+10 ~ 250                                          |             |             |
|                               | Fluctuation (℃)     | ±1                                                   |             |             |
|                               | Resolution (℃)      | 0.1                                                  |             |             |
|                               | Sensor              | PT100                                                |             |             |
| Controller                    |                     | PID                                                  |             |             |
| Vacuum Degree Range           |                     | <133Pa                                               |             |             |
| Vacuum Nozzle Diameter(mm)    |                     | Φ10                                                  |             |             |
| Display                       |                     | High efinition LCD                                   |             |             |
| Timer (min)                   |                     | 0 ~ 9999 (with timing wait function)                 |             |             |
| Material                      | Internal            | High-quality hairline stainless steel                |             |             |
|                               | External            | Cold rolled steel electrostatic spraying exterior    |             |             |
| Shelves (Standard)            |                     | 2                                                    |             |             |
| Safety Device                 |                     | Over temperaure visible & audible alarm              |             |             |
| Electricity                   | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                             |             |             |
|                               | Consumption (W)     | 800                                                  | 1400        | 2000        |
| N.W. / G.W.(kg)               |                     | 42 / 53                                              | 67 / 92     | 82 / 105    |
| Package Dimension (W*D*H)(mm) |                     | 600*560*780                                          | 700*620*820 | 730*690*940 |
| Optional                      |                     | Spare shelf, silica gel connecting pipe, vacuum pump |             |             |

Vacuum Oven

DOV-55P DOV-90P DOV-55PV DOV-90PV



Key Features



Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



Intelligent control

5 inches touch screen display, with intelligent PID control, programable temperature controller, parameter real-time display.



Dedicated sheet metal processing

The inner chamber is made of high-quality stainless steel, the outer chamber is made of 304 high-quality stainless steel, with strong corrosion resistance.



Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.

Sensor fault alarm, excessive vacuum alarm.

Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.

Optional

- Spare shelf
- Built-in printer
- RS485 port
- USB data storage
- Vacuum pump



Specifications

| Model                        |                     | DOV-55P                                                                                                        | DOV-90P      | DOV-55PV     | DOV-90PV     |
|------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|
| Capacity(L)                  |                     | 52                                                                                                             | 91           | 52           | 91           |
| Heating Mode                 |                     | Shelf direct heating                                                                                           |              |              |              |
| Dimension (W*D*H)            | Internal (mm)       | 415*370*340                                                                                                    | 450*450*450  | 415*370*340  | 450*450*450  |
|                              | External (mm)       | 635*565*796                                                                                                    | 670*645*906  | 635*565*1296 | 670*645*1406 |
| Temperature                  | Range (℃)           | RT+10 ~ 250                                                                                                    |              |              |              |
|                              | Fluctuation (℃)     | ±1                                                                                                             |              |              |              |
|                              | Resolution (℃)      | 0.1                                                                                                            |              |              |              |
|                              | Sensor              | PT100                                                                                                          |              |              |              |
| Controller                   |                     | Multi-stage PID                                                                                                |              |              |              |
| Vacuum Degree Range          |                     | <133Pa                                                                                                         |              |              |              |
| Vacuum Nozzle Diameter (mm)  |                     | Φ10                                                                                                            |              |              |              |
| Display                      |                     | 7.0inches LCD color touch screen                                                                               |              |              |              |
| Timer                        |                     | 0 ~ 9999min / 0 ~ 9999h                                                                                        |              |              |              |
| Material                     | Internal            | SUS304 mirror stainless steel                                                                                  |              |              |              |
|                              | External            | SUS304 embossed stainless steel                                                                                |              |              |              |
| Shelves (Standard)           |                     | 2                                                                                                              |              |              |              |
| Safety Device                |                     | Over temperaure visible & audible alarm, sensor fault alarm, vacuum overvalue alarm                            |              |              |              |
| Electricity                  | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                                                                                       |              |              |              |
|                              | Consumption (W)     | 1200                                                                                                           | 1600         | 1600         | 2000         |
| N.W. / G.W.(kg)              |                     | 67 / 92                                                                                                        | 82 / 105     | 87 / 112     | 102 / 125    |
| Package Dimension(W*D*H)(mm) |                     | 804*705*957                                                                                                    | 860*810*1040 | 760*730*1500 | 840*785*1562 |
| Optional                     |                     | Spare shelf (independent temperature control), RS485 transfer to USB communication interface, built-in printer |              |              |              |

# Drying Oven / Incubator ( Dual-use )

DOI-30E    DOI-45E    DOI-65E    DOI-85E  
DOI-125E    DOI-230E



DOI-30E    DOI-45E    DOI-65E  
DOI-85E    DOI-125E

## Key Features



### Energy-saving

Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Internal circulation system

Forced convection system.

Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



### Intelligent control

Digital display, with intelligent PID control, parameter real-time display.

Button operation, simple and convenient, can quickly set temperature and time parameters.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down.

The inner chamber is made of high-quality mirror stainless steel, with strong corrosion resistance.



### Humanized design

Built-in observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.

The insulation material is made of high-quality rock wool board, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.



Sensor deviation correction, temperature auto-tuning, power-off parameter memory, loop self diagnosis.



## Application

It is widely used in chemical industry, electronic communication, plastics, cables, electroplating, hardware, automobile, optoelectronics, rubber products, molds, spraying, printing, medical treatment, aerospace and universities and other industries.

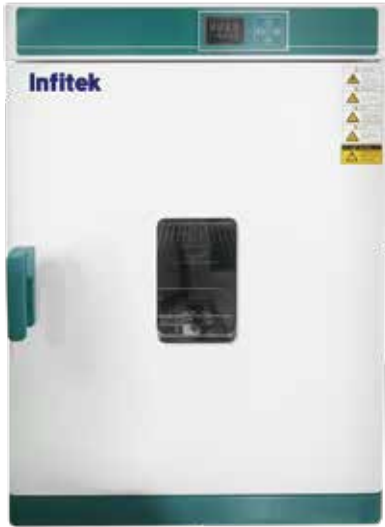
Optional

Spare shelf

Specifications



DOI-30E    DOI-45E    DOI-65E  
DOI-85E    DOI-125E



DOI-230E

| Model                          |                     | DOI-30E                                           | DOI-45E     | DOI-65E      | DOI-85E                                           | DOI-125E     | DOI-230E     |
|--------------------------------|---------------------|---------------------------------------------------|-------------|--------------|---------------------------------------------------|--------------|--------------|
| Capacity (L)                   |                     | 30                                                | 45          | 65           | 85                                                | 125          | 230          |
| Circulation Mode               |                     | Forced convection                                 |             |              | Forced convection                                 |              |              |
| Dimension<br>(W*D*H)           | Internal (mm)       | 310*310*310                                       | 350*350*350 | 400*360*450  | 450*420*450                                       | 500*450*550  | 600*500*750  |
|                                | External (mm)       | 460*510*695                                       | 500*550*735 | 550*550*840  | 590*610*830                                       | 636*680*915  | 730*680*1250 |
| Temperature                    | Range (℃)           | Incubator: RT+5 ~ 80 , Drying oven: 80 ~ 300      |             |              | Incubator: RT+5 ~ 80, Drying oven: 80 ~ 300       |              |              |
|                                | Fluctuation (℃)     | ±1                                                |             |              | ±1                                                |              |              |
|                                | Resolution (℃)      | 0.1                                               |             |              | 0.1                                               |              |              |
|                                | Uniformity (℃)      | Incubator: ±1.0    Drying oven: ±2.5%             |             |              | Incubator: ±1.0    Drying oven: ±2.5%             |              |              |
|                                | Sensor              | PT100                                             |             |              | PT100                                             |              |              |
| Controller                     |                     | PID                                               |             |              | PID                                               |              |              |
| Display                        |                     | Digital LED                                       |             |              | Digital LED                                       |              |              |
| Timer (min)                    |                     | 0 ~ 9999 (with timing wait function)              |             |              | 0 ~ 9999 (with timing wait function)              |              |              |
| Material                       | Internal            | Mirror Stainless Steel                            |             |              | Mirror Stainless Steel                            |              |              |
|                                | External            | Cold rolled steel electrostatic spraying exterior |             |              | Cold rolled steel electrostatic spraying exterior |              |              |
| Shelves (Standard / Max )      |                     | 2 / 5                                             | 2 / 6       | 2 / 8        | 2 / 8                                             | 2 / 11       | 2 / 17       |
| Test Hole (mm)                 |                     | Φ35 on the top                                    |             |              | Φ35 on the top                                    |              |              |
| Safety Device                  |                     | Over temperaure visible & audible alarm           |             |              | Over temperaure visible & audible alarm           |              |              |
| Electricity                    | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                          |             |              | AC 220 / 110V, 50 / 60Hz                          |              |              |
|                                | Consumption (W)     | 800                                               | 1200        | 1600         | 2000                                              | 2300         | 3000         |
| N.W. / G.W. (kg)               |                     | 33 / 42.5                                         | 37 / 43     | 44 / 49      | 50 / 56                                           | 60/66        | 94 / 120     |
| Package Dimension (W*D*H) (mm) |                     | 540*580*870                                       | 630*600*910 | 640*630*1210 | 680*685*1000                                      | 710*730*1100 | 857*885*1287 |
| Optional                       |                     | Spare shelf                                       |             |              | Spare shelf                                       |              |              |

# Drying Oven / Incubator ( Dual-use )

DOI-30Z    DOI-50Z    DOI-70Z    DOI-140Z    DOI-240Z



## Key Features



### Energy-saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.



### Intelligent control

Large-screen LCD display, real-time parameter display, simple and convenient operation.

Running function: fixed value running, timing running, the screen displays "END" when the running time is completed, accompanied by a buzzer reminder.



### Internal circulation system

The circulation system adopts the back suction and the air circulation on both sides mode.

The shelf is laser hollowed out with round holes for better ventilation and better temperature uniformity.



### Dedicated sheet metal processing

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm. The inner tank is made of high-quality brushed stainless steel, with strong corrosion resistance.

Built in observation window to make the objects in the chamber clear at a glance. The anti-scalding design of the door handle makes it easy to open and close the door.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the box is thickened.

With limited temperature control sound and light alarm system.

Self-diagnosis function: display fault information, which is convenient for judging the fault point..

## Application

It can be used as an incubator for industrial and mining enterprises, laboratories, scientific research units, etc. to cultivate viruses and bacteria; it can also be used as a drying oven for drying, baking, melting wax, and sterilization.



DOI-30Z



DOI-50Z



DOI-70Z    DOI-140Z    DOI-240Z

## Specifications

| Model                        |                         | DOI-30Z                                                                                                                                 | DOI-50Z     | DOI-70Z      | DOI-140Z     | DOI-240Z     |
|------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|--------------|--------------|
| Capacity(L)                  |                         | 30                                                                                                                                      | 50          | 70           | 135          | 220          |
| Heating Mode                 |                         | Forced air convection                                                                                                                   |             |              |              |              |
| Dimension (W*D*H)            | Internal (mm)           | 340*325*290                                                                                                                             | 420*350*500 | 400*360*500  | 500*450*600  | 550*500*800  |
|                              | External (mm)           | 490*520*690                                                                                                                             | 710*520*520 | 540*550*870  | 640*680*970  | 690*700*1140 |
| Temperature                  | Range (℃)               | Oven: 80-200      Incubator: RT+5-80                                                                                                    |             |              |              |              |
|                              | Fluctuation(℃)          | ±0.5                                                                                                                                    |             |              |              |              |
|                              | Resolution(℃)           | 0.1                                                                                                                                     |             |              |              |              |
|                              | Uniformity (℃)          | ±2.5%                                                                                                                                   |             |              |              |              |
|                              | Sensor                  | PT100                                                                                                                                   |             |              |              |              |
| Controller                   |                         | PID                                                                                                                                     |             |              |              |              |
| Display                      |                         | LCD                                                                                                                                     |             |              |              |              |
| Timer(min)                   |                         | 1-9999                                                                                                                                  |             |              |              |              |
| Material                     | Internal                | Stainless steel                                                                                                                         |             |              |              |              |
|                              | External                | Electro-galvanized steel with antimicrobial powder coating                                                                              |             |              |              |              |
| Shelves                      |                         | 2                                                                                                                                       |             |              |              |              |
| Test Hole (mm)               |                         | Optional φ25,50,80                                                                                                                      |             |              |              |              |
| Safety Device                |                         | Leakage protector/Over- temperature alarm                                                                                               |             |              |              |              |
| Electricity                  | Voltage/Frequency(V/Hz) | 220/50                                                                                                                                  |             |              |              |              |
|                              | Consumption(W)          | 550                                                                                                                                     | 850         | 1100         | 1500         | 2050         |
| N.W. / G.W.(kg)              |                         | 40/43                                                                                                                                   | 42/45       | 55/60        | 70/90        | 85/115       |
| Package Dimension(W*D*H)(mm) |                         | 600*630*800                                                                                                                             | 770*640*650 | 650*640*1030 | 720*880*1070 | 740*970*1240 |
| Optional                     |                         | 1.Independent temperature limiting controller<br>2.Intelligent LCD procedure temperature controller(Optional USB,RS485/232 and printer) |             |              |              |              |

Forced Air Drying Oven

DOF-50A DOF-100A DOF-200A

Key Features



**Energy-saving**  
Adopts new synthetic silicone sealing, better sealing effect, preventing heat loss effectively.



**Intelligent control**  
Large high efinition LCD display, with intelligent PID control, parameter real-time display.



**Internal circulation system**  
Back suction and bottom forced convection system.  
Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.



**Dedicated sheet metal processing**  
The inner chamber is made of high-quality brushed stainless steel, with strong corrosion resistance.



**Humanized design**  
The anti-scalding design of the door handle makes it easy to open and close the door.  
The insulation material is made of high-quality aluminum silicate silk cotton, and the insulation layer of the chamber is thickened.

Application

It is used for drying and constant temperature testing of various products and materials and electrical, components, electronics, electricians, automobiles, aviation, hardware tools, etc. under constant temperature conditions.



Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.  
With over temperature control of visible & audible alarm system.  
Self-diagnosis function.



Optional

- Spare shelf
- Multi-segment programable control
- USB data storage
- RS485 port
- RS232 port
- Build-in printer  
(USB data storage、RS485、RS232 port and Build-in printer :Incompatible, please select only one of the four options)
- Digital independent temperature limiter



Specifications

| Model                         |                     | DOF-50A                                                                                                                                           | DOF-100A       | DOF-200A       |
|-------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------|----------------|
| Capacity(L)                   |                     | 50                                                                                                                                                | 100            | 200            |
| Circulation Mode              |                     | Forced convection                                                                                                                                 |                |                |
| Dimension (W*D*H)             | Internal (mm)       | 350*350*400                                                                                                                                       | 450*450*450    | 600*600*600    |
|                               | External (mm)       | 540 *660*620                                                                                                                                      | 620*750*650    | 1020*900*900   |
| Temperature                   | Range (℃)           | 50 ~ 400                                                                                                                                          |                |                |
|                               | Fluctuation (℃)     | ±0.5                                                                                                                                              |                |                |
|                               | Resolution (℃)      | 0.1                                                                                                                                               |                |                |
|                               | Uniformity (℃)      | ±2.5%                                                                                                                                             |                |                |
|                               | Sensor              | PT100                                                                                                                                             |                |                |
| Controller                    |                     | PID                                                                                                                                               |                |                |
| Display                       |                     | High efinition LCD                                                                                                                                |                |                |
| Timer(min)                    |                     | 1 ~ 9999                                                                                                                                          |                |                |
| Material                      | Internal            | High-quality brushed stainless steel                                                                                                              |                |                |
|                               | External            | Electro-galvanized steel with antimicrobial powder coating                                                                                        |                |                |
| Shelves (Standard)            |                     | 2                                                                                                                                                 |                |                |
| Test Hole (Optional)          |                     | Φ25, 50, 80                                                                                                                                       |                |                |
| Safety Device                 |                     | Leakage protector, over - temperature alarm                                                                                                       |                |                |
| Electricity                   | Voltage / Frequency | AC 220 / 110V, 50 / 60Hz                                                                                                                          |                | 380V 50/50HZ   |
|                               | Consumption (W)     | 2500                                                                                                                                              | 3000           | 4500           |
| N.W. / G.W.(kg)               |                     | 60 / 73                                                                                                                                           | 113 / 140      | 232 / 260      |
| Package Dimension (W*D*H)(mm) |                     | 970*750*840                                                                                                                                       | 1230*1160*1060 | 1350*1260*1150 |
| Optional                      |                     | Spare shelf, multi-segment programable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter |                |                |

Sterilizing Oven

DOF-HAS30E   DOF-HAS-45E   DOF-HAS65E  
DOF-HAS85E   DOF-HAS125E   DOF-HAS230E



Features

- ◆ horizontal air circularly by double air ducts, high efficiency and high uniformity.
- ◆ PID controller, with over-temperature protection function.
- ◆ With fan switch, LED digital display, high temperature blast motor.
- ◆ New anti-hot handle.

Specifications

| Model              |                               | DOF-HAS30E                                                                                                                          | DOF-HAS45E  | DOF-HAS65E  | DOF-HAS85E   | DOF-HAS125E  | DOF-HAS230E  |
|--------------------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|--------------|--------------|
| Cycle Mode         |                               | Forced convection                                                                                                                   |             |             |              |              |              |
| Function           | Temp. Range                   | RT+10~300℃                                                                                                                          |             |             |              |              |              |
|                    | Temp. Resolution Ratio        | 0.1℃                                                                                                                                |             |             |              |              |              |
|                    | Temp. Fluctuation             | ±1℃                                                                                                                                 |             |             |              |              |              |
|                    | Temp. Uniformity              | ±2.5%                                                                                                                               |             |             |              |              |              |
| Structure          | Inner Chamber                 | Mirror Stainless Steel                                                                                                              |             |             |              |              |              |
|                    | Outside Material              | Cold rolling steel electrostatic spraying exterior                                                                                  |             |             |              |              |              |
|                    | Insulation Layer              | High quality rock wool board (with CE)                                                                                              |             |             |              |              |              |
|                    | Heater                        | 304 stainless steel heater                                                                                                          |             |             |              |              |              |
|                    | Power Rating                  | 0.8kW                                                                                                                               | 1.2kW       | 1.6kW       | 2.0kW        | 2.3kW        | 3.0kW        |
| Controller         | Exhaust Hole                  | Φ35mmtop(with function of test hole)                                                                                                |             |             |              |              |              |
|                    | Temp. Control Mode            | Two temperature section PID intelligent                                                                                             |             |             |              |              |              |
|                    | Temp. Setting Mode            | Touch button setting                                                                                                                |             |             |              |              |              |
|                    | Temp. Display Mode            | Measure the temperature and display on the upper row of four digit nixie tube; Set temperature: four digit nixie tube lower display |             |             |              |              |              |
|                    | Timer                         | 0~9999min(with timing wait function)                                                                                                |             |             |              |              |              |
|                    | Operation Function            | Fixed temperature operation, timing function, auto stop.                                                                            |             |             |              |              |              |
|                    | Additional Function           | Sensor deviation correction, temperature overshoot self-tuning, internal parameter locking, power-off parameter memory              |             |             |              |              |              |
|                    | Sensor                        | Pt100                                                                                                                               |             |             |              |              |              |
| Specification      | Inner Chamber Size(W*L*H)(mm) | 310*310*310                                                                                                                         | 350*350*350 | 400*360*450 | 450*420*450  | 500*450*550  | 600*500*750  |
|                    | Exterior Size (W*L*H)(mm)     | 460*510*695                                                                                                                         | 500*550*735 | 550*550*840 | 590*610*830  | 636*680*915  | 730*835*1250 |
|                    | Package Dimension(W*D*H)(mm)  | 580*540*84ZZ                                                                                                                        | 590*620*910 | 640*635*985 | 710*700*1010 | 740*725*1085 | 890*870*1290 |
|                    | Volume                        | 30L                                                                                                                                 | 45L         | 65L         | 85L          | 125L         | 230L         |
|                    | Shelf Number(Max.)            | 5                                                                                                                                   | 6           | 8           | 8            | 11           | 17           |
|                    | Load Per Rack                 | 15kg                                                                                                                                |             |             |              |              |              |
|                    | Shelf Space                   | 35mm                                                                                                                                |             |             |              |              |              |
|                    | Current Rating (50/60Hz)      | AC220V/3.6A                                                                                                                         | AC220V/5.5A | AC220V/7.2A | AC220V/9.0A  | AC220V/10.5A | AC220V/13.6A |
|                    | N.W./G.W.(kg)                 | 33/40                                                                                                                               | 37/43       | 44/49       | 50/56        | 60/66        | 94/120       |
| Standard           | Shelf                         | 2                                                                                                                                   |             |             |              |              |              |
| Accessories        | Shelf Frame                   | 4                                                                                                                                   |             |             |              |              |              |
| Optional Accessory |                               | Shelf                                                                                                                               |             |             |              |              |              |



DOF-HAS30E   DOF-HAS-45E   DOF-HAS65E  
DOF-HAS85E   DOF-HAS125E



DOF-HAS230E

# Sterilizing Oven

DOF-HAS20A DOF-HAS50A DOF-HAS70A  
DOF-HAS100A DOF-HAS200A



## Features

### Energy saving

The sealing ring of incubator adopts a new type of synthetic silicone sealing strip, which effectively prevents heat loss.

Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

### Intelligent LCD control

Large-screen LCD display, real-time display of parameters, self-locking function of screen, convenient menu-type operation interface, simple and convenient operation, and can quickly set temperature and time parameters.

Running function: fixed value running, timing running; The screen will display "END" with a beeping reminder after the running time is completed.

Program control instruments can be added, and up to 30 programs can be set to control temperature and time. Each program can be set for 1-99 hours and 59 minutes.



### Internal circulation system

Adopts high-quality fan and large impeller fan, the machine has higher ventilation efficiency and better temperature uniformity.

The circulation system adopts the back suction and the bottom vertical air supply mode.

Better ventilation and temperature uniformity.



### Dedicated sheet metal processing

The box body is formed in one step by laser cutting. The outer box is made of high-quality cold-rolled steel plate with anti-static spray coating on the surface, and the inner tank is made of high-quality brushed stainless steel.

The shelf is made of high-quality stainless steel, and a load-bearing beam can be added at the bottom of the shelf to increase the load-bearing capacity.

The shelves are designed with sliding bayonet to prevent tilting and misalignment.

The inner tank is designed with large arc corners, no dead corners, and easy to clean and maintain.

Stainless steel wire drawing treatment with strong corrosion resistance.

The shelf can be disassembled and can be freely adjusted up and down, with a minimum spacing of 30mm.

Built in tempered and double-layer observation window to make the objects in the chamber clear at a glance.

The anti-scalding design of the door handle makes it easy to open and close the door.



## SAFETY

Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.

Self-diagnosis function: display fault information, which is convenient for judging the fault point.

The insulation material is made of high-quality aluminum silicate cotton, and the insulation layer of the chamber is thickened to ensure a lower temperature on the surface of the chamber and safer operation.

Internal limited temperature control sound alarm system, the heating stops working when the temperature limit is exceeded, and the sound automatically alarms when the alarm temperature is exceeded.

High or low temperature and over-temperature alarm.

## Description

It uses high-temperature dry heat to oxidize microorganisms, denature proteins, and cause poisoning due to electrolyte concentration. The main one is to destroy the cell protoplasm through oxidation, so that the microorganisms die, so all microorganisms can be killed within a certain heating time.

Specification



DOF-HAS20A    DOF-HAS50A  
DOF-HAS70A    DOF-HAS100A  
DOF-HAS200A



DOF-HAS20A    DOF-HAS50A  
DOF-HAS70A    DOF-HAS100A  
DOF-HAS200A

| Model                          |                         | DOF-HAS20A                                                                               |     | DOF-HAS50A            |  | DOF-HAS70A                                                                               |      | DOF-HAS100A           |  | DOF-HAS200A           |  |
|--------------------------------|-------------------------|------------------------------------------------------------------------------------------|-----|-----------------------|--|------------------------------------------------------------------------------------------|------|-----------------------|--|-----------------------|--|
| Capacity(L)                    |                         | 34                                                                                       |     | 51                    |  | 70                                                                                       |      | 138                   |  | 188                   |  |
| Circulation                    |                         | Forced air convection                                                                    |     | Forced air convection |  | Forced air convection                                                                    |      | Forced air convection |  | Forced air convection |  |
| Dimension<br>(W*D*H)           | Internal (mm)           | 340*320*320                                                                              |     | 420*350*350           |  | 400*360*500                                                                              |      | 550*450*560           |  | 600*550*570           |  |
|                                | External (mm)           | 630*570*500                                                                              |     | 760*640*640           |  | 540*550*870                                                                              |      | 845*700*730           |  | 890*730*780           |  |
| Temperature                    | Range (℃)               | RT+10-250                                                                                |     |                       |  | RT+10-250                                                                                |      |                       |  |                       |  |
|                                | Fluctuation(℃)          | ±0.5                                                                                     |     |                       |  | ±0.5                                                                                     |      |                       |  |                       |  |
|                                | Resolution(℃)           | 0.1                                                                                      |     |                       |  | 0.1                                                                                      |      |                       |  |                       |  |
|                                | Uniformity (℃)          | ±2.5%                                                                                    |     |                       |  | ±2.5%                                                                                    |      |                       |  |                       |  |
|                                | Sensor                  | PT100                                                                                    |     |                       |  | PT100                                                                                    |      |                       |  |                       |  |
| Controller                     |                         | PID                                                                                      |     |                       |  | PID                                                                                      |      |                       |  |                       |  |
| Display                        |                         | LCD                                                                                      |     |                       |  | LCD                                                                                      |      |                       |  |                       |  |
| Timer(min)                     |                         | 1-9999                                                                                   |     |                       |  | 1-9999                                                                                   |      |                       |  |                       |  |
| Material                       | Internal                | Stainless steel                                                                          |     |                       |  | Stainless steel                                                                          |      |                       |  |                       |  |
|                                | External                | High-quality cold-rolled steel plate surface anti-static spraying                        |     |                       |  | High-quality cold-rolled steel plate surface anti-static spraying                        |      |                       |  |                       |  |
| Shelves                        |                         | 2                                                                                        |     |                       |  | 2                                                                                        |      |                       |  |                       |  |
| Safety Device                  |                         | Leakage protector/Over- temperature alarm                                                |     |                       |  | Leakage protector/Over- temperature alarm                                                |      |                       |  |                       |  |
| Electricit                     | Voltage/Frequency(V/Hz) | AC 220/110V,50/60Hz                                                                      |     |                       |  | AC 220/110V,50/60Hz                                                                      |      |                       |  |                       |  |
|                                | Consumption(W)          | 500                                                                                      | 750 |                       |  | 1050                                                                                     | 1500 | 2000                  |  |                       |  |
| N.W./ G.W.(kg)                 |                         | 27/30                                                                                    |     | 42/57                 |  | 55/61                                                                                    |      | 70/88                 |  | 86/107                |  |
| Package Dimension (W*D*H) (mm) |                         | 770*680*580                                                                              |     | 830*710*700           |  | 650*640*1030                                                                             |      | 810*900*960           |  | 990*860*940           |  |
| Optional                       |                         | Intelligent touch screen with program setting and data storage functions                 |     |                       |  | Intelligent touch screen with program setting and data storage functions                 |      |                       |  |                       |  |
|                                |                         | Printer or RS 485 port (choose one), independent temperature limit controller, test hole |     |                       |  | Printer or RS 485 port (choose one), independent temperature limit controller, test hole |      |                       |  |                       |  |
| Standard                       |                         | Shell:Laser operation                                                                    |     |                       |  | Shell:Laser operation                                                                    |      |                       |  |                       |  |
|                                |                         | Inner tank: high quality brushed stainless steel                                         |     |                       |  | Inner tank: high quality brushed stainless steel                                         |      |                       |  |                       |  |
|                                |                         | Fan: high quality fan                                                                    |     |                       |  | Fan: high quality fan                                                                    |      |                       |  |                       |  |
|                                |                         | Heating pipe: high quality stainless steel heating pipe                                  |     |                       |  | Heating pipe: high quality stainless steel heating pipe                                  |      |                       |  |                       |  |
|                                |                         | Insulation: High-quality aluminum silicate silk cotton six-sided insulation              |     |                       |  | Insulation: High-quality aluminum silicate silk cotton six-sided insulation              |      |                       |  |                       |  |
|                                |                         | Electrical appliances: Leakage protector                                                 |     |                       |  | Electrical appliances: Leakage protector                                                 |      |                       |  |                       |  |
|                                |                         | Temperature control: with PID, timing, self-tuning, thyristor, LCD display               |     |                       |  | Temperature control: with PID, timing, self-tuning, thyristor, LCD display               |      |                       |  |                       |  |

Dual Convection Oven

DOF-H42Z DOF-H70Z DOF-H135Z DOF-H224Z



Key Features



PID temperature controller with LED digital display, ensuring precise temperature control.



Continuous or timed operation: 0~9999min.  
Equipped with a parameter memory function, automatically resuming operation upon power restoration.



Outer casing material: Cold-rolled steel plate with powder coating; Inner casing material: SUS stainless steel plate.



Features an inner glass door, but no observation window on the outer door; Top-mounted adjustable air outlet.



The inner chamber features a rounded arc design for easy cleaning.  
Removable shelves with adjustable spacing.



Bottom resistance wire heating with a temperature selector switch, allowing selection of the appropriate heating power based on the temperature.  
The fan can be turned off, transforming it into a natural convection constant temperature drying oven.

- ◆ Capacity: 42L, 70L, 135L, 224L
- ◆ Circulation Mode: Forced convection
- ◆ Temperature Range: 50~300°C
- ◆ Equipped with parameter memory function
- ◆ PID temperature controller with LED digital display

Application

It is used for drying, baking, wax melting, and sterilization in industrial and mining enterprises, laboratories, and research units.



Specifications

| Model                        |                     | DOF-H42Z                                               | DOF-H70Z    | DOF-H135Z   | DOF-H224Z    |
|------------------------------|---------------------|--------------------------------------------------------|-------------|-------------|--------------|
| Capacity (L)                 |                     | 42                                                     | 70          | 135         | 224          |
| Circulation Mode             |                     | Forced convection, Bottom heating                      |             |             |              |
| Dimensions (W*D*H)           | Internal (mm)       | 350*348*350                                            | 450*348*450 | 550*448*550 | 600*498*750  |
|                              | External (mm)       | 677*527*642                                            | 777*527*742 | 877*627*842 | 927*677*1042 |
| Temperature Range (°C)       |                     | 50~300                                                 |             |             |              |
| Temperature Uniformity (°C)  |                     | ≤ Max. Temp. ±2.5%                                     |             |             |              |
| Temperature Fluctuation (°C) |                     | ±1                                                     |             |             |              |
| Shelves                      |                     | 2                                                      | 2           | 3           | 3            |
| Electricity                  | Voltage / Frequency | 1Ø, 220V/50Hz                                          |             |             |              |
|                              | Consumption (W)     | 1600                                                   | 2400        | 3000        | 4000         |
| Alarm Type                   |                     | Over temperature alarm, temperature probe damage alarm |             |             |              |
| Optional                     |                     | Shelf                                                  |             |             |              |

# Infrared Fast Heating Drying Oven

DON-IF72H    DON-IF138H    DON-IF270H



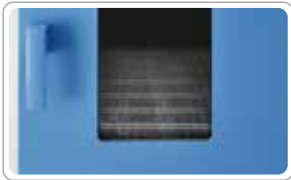
## Key Features



PID temperature controller with LED digital display for precise temperature control.  
Infrared thermal radiation heating method, efficient and rapid.



Supports continuous or timed operation: 0~9999min.  
Equipped with a parameter memory function, automatically resuming operation upon power restoration.



Outer casing material: Cold-rolled steel plate with powder coating; Inner casing material: SUS stainless steel plate.



There is no glass inner door, and the outer door has an observation window.  
Top-mounted adjustable air outlet.



The inner chamber adopts a rounded arc structure design for easy cleaning.  
Removable shelves with adjustable spacing.

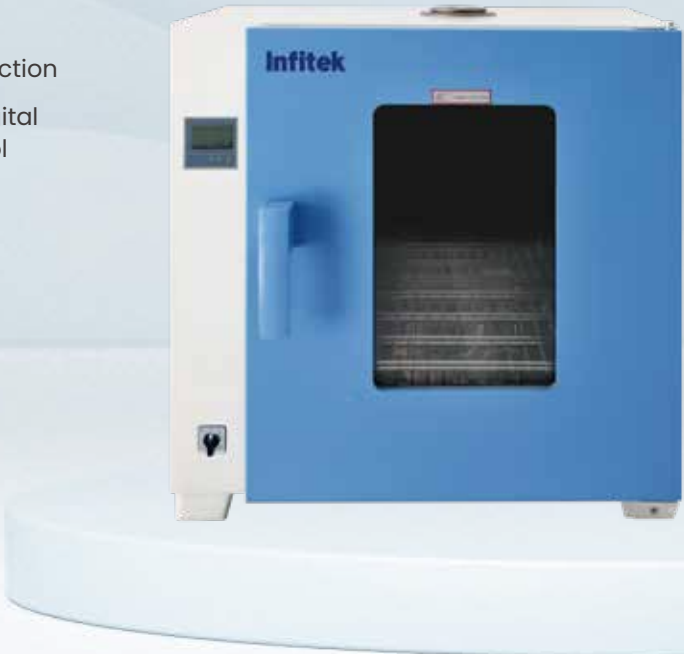
## Optional

Independent external temperature protection device.  
LCD screen temperature controller.  
LCD temperature controller + RS485 communication interface.  
LCD screen temperature controller + micro dot-matrix printer.  
RS485 to USB adapter.

- ◆ Capacity: 72L, 138L, 270L
- ◆ Circulation Mode: Natural convection
- ◆ Temperature Range: 50~250°C
- ◆ Equipped with parameter memory function
- ◆ PID temperature controller with LED digital display for precise temperature control

## Application

It adopts efficient and low consumption far-infrared heating technology, which has good effects on rapid drying work and test samples. It can be widely used in industrial, agricultural, medical, scientific research projects and laboratories.



## Specifications

| Model                        |                     | DON-IF72H                                                     | DON-IF138H  | DON-IF270H  |
|------------------------------|---------------------|---------------------------------------------------------------|-------------|-------------|
| Capacity (L)                 |                     | 72                                                            | 138         | 270         |
| Circulation Mode             |                     | Natural convection                                            |             |             |
| Dimensions (W*D*H)           | Internal (mm)       | 400*400*450                                                   | 500*500*550 | 600*600*750 |
|                              | External (mm)       | 730*565*702                                                   | 830*665*772 | 930*765*972 |
| Temperature Range (°C)       |                     | 50-250                                                        |             |             |
| Temperature Uniformity (°C)  |                     | ≤ Max. Temp. ±3.5%                                            |             |             |
| Temperature Fluctuation (°C) |                     | ±1                                                            |             |             |
| Shelves                      |                     | 2                                                             | 3           | 3           |
| Electricity                  | Voltage / Frequency | 1Ø, 220V/50Hz                                                 |             |             |
|                              | Consumption (W)     | 1200                                                          | 1600        | 1900        |
| Alarm Type                   |                     | Over temperature alarm, temperature probe damage alarm        |             |             |
| Optional                     |                     | Shelf                                                         |             |             |
|                              |                     | Independent external temperature protection device.           |             |             |
|                              |                     | LCD screen temperature controller.                            |             |             |
|                              |                     | LCD temperature controller + RS485 communication interface.   |             |             |
|                              |                     | LCD screen temperature controller + micro dot-matrix printer. |             |             |
|                              |                     | RS485 to USB adapter.                                         |             |             |

Note: External depth (D) includes 6.5cm accessories; height (H) includes 1.2cm accessories