Infitek

DRYING OVEN

Infitek Infitek Infitek Infitek Infitek

Infitek

Infitek Inc.

Address: 522W Riverside Ave Ste N, Spokane, WA 99201, USA
Email: Info@infitek.com

Infitek Co., Ltd.

TEL: +86-531-88982330
FAX: +86-531-88983691
Website: infitek.com
Email: info@infitek.com
Service: service@infitek.com
Address: Room 201A, Building 9 (Block B), No. 2679,
Hechuan Road, Minhang District, Shanghai,P.C.201100



Natural Convection Drying Oven

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

CE



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.

SAFETY

- 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 (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; E model: High strength galvanizedsheet		without E model: stainless steel; 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 Φ35mm top with function of test hole		Standard Φ35mm 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

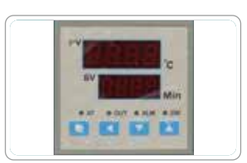
DON-18E DON-18

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℃
	Fluctuation	±1℃
	Resolution	0.1℃
	Uniformity	±3.5%℃
	Sensor	PT100
Controller		PID
Display		Digital LED
Timer		0 ~ 9999min (with timing wait function)
Material	Internal	Without E model: mirror stainless steel
		With E model: high strength galvanized sheet
	External	Cold rolled steel electrostatic spraying exterior
Shelves (Standard / Max)		2 / 6
Exhaust Hole		Standard Φ35mm 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

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

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.



Intelligent control

Large high efinition 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-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
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)		Φ25, 50, 80			Φ25, 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 efinition 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-640 DOF-1000 DOF-1300 DOF-1870 DOF-3070



DOF-1300 DOF-1870 DOF-3070

Key Features



Energy-saving

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



Intelligent control

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

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



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







DOF-1300
DOF-1870
DOF-3070

Specifications

Model		DOF-640	DOF-1000	DOF-1300	DOF-1870	DOF-3070
Capacity (L)		640	1000	1300	1870	3070
Circulation Mode		Forced convection		Forced convection		
Dimension (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 / 11	2 / 11	2 / 12
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.



Humanized design

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



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.

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.

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.



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.

SAFETY

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



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



DOI-230E

Specifications

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 (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
Tempe -rature	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 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



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
	Exhaust Hole	Φ35mmtop(with function of test hole)					
Controller	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 Accessories	Shelf	2					
	Shelf Frame	4					
Optional Accessory		Shelf					

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.



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.



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



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

Specification

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 (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 Printer or RS 485 port (choose one), independent temperature limit controller, test hole		Intelligent touch screen with program setting and data storage functions Printer or RS 485 port (choose one), independent temperature limit controller, test hole		
Standard		Shell:Laser operation Inner tank: high quality brushed stainless steel Fan: high quality fan Heating pipe: high quality stainless steel heating pipe Insulation: High-quality aluminum silicate silk cotton six-sided insulation Electrical appliances: Leakage protector Temperature control: with PID, timing, self-tuning, thyristor, LCD display		Shell:Laser operation Inner tank: high quality brushed stainless steel Fan: high quality fan Heating pipe: high quality stainless steel heating pipe Insulation: High-quality aluminum silicate silk cotton six-sided insulation Electrical appliances: Leakage protector 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				