

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 (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 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 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-V30A DOF-V30B 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.

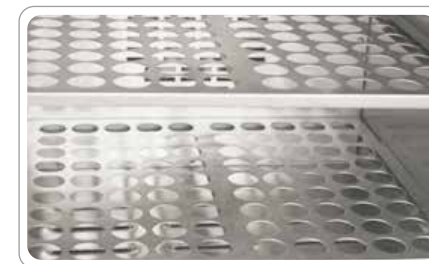
Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



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



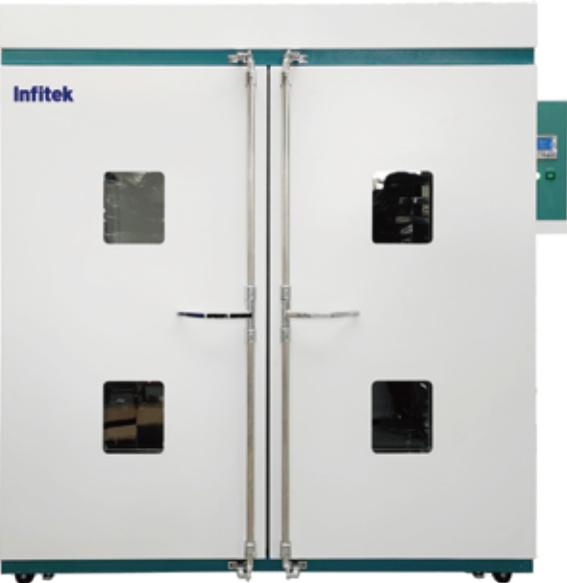
DOF-B20A DOF-B50A
DOF-B100A DOF-B200A DOF-B625A

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 (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-H140-A DOF-H250-B DOF-H640-B DOF-H960-B



DOF-H140-A DOF-H250-B
DOF-H640-B DOF-H960-B

Key Features



Energy-saving

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



Internal circulation system

Forced convection system.

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



Intelligent control

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

Menu-type operation interface, 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 glass wool, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.

Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.

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.



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
- RS485 port
- Build-in printer
- Multi-segment programable control

Specifications



DOF-H140-A DOF-H250-B
DOF-H640-B DOF-H960-B



DOF-H140-A DOF-H250-B
DOF-H640-B DOF-H960-B

Model		DOF-H140-A		DOF-H250-B	DOF-H640-B	DOF-H960-B
Capacity (L)		138		252	640	960
Circulation Mode		Forced convection		Forced convection		
Dimension (W*D*H)	Internal (mm)	500*500*550		600*600*700	800*800*1000	1000*800*1200
	External (mm)	780*630*800		880*730*950	1080*930*1280	1280*930*1480
Temperature	Range (℃)	RT+5 ~ 300		RT+10 ~ 300		
	Fluctuation (℃)	±1		±1		
	Resolution (℃)	0.1		0.1		
	Uniformity (℃)	±2.5%		±2.5%		
	Sensor	PT100		PT100		
Controller		Microcomputer		Microcomputer		
Display		High efinity LCD		High efinity LCD		
Timer (min)		1 ~ 9999		1 ~ 9999		
Material	Internal	Mirror stainless steel		Mirror stainless steel		
	External	Coated Steel		Coated Steel		
Shelves (Standard / Max)		3 / 7		3 / 10	4 / 15	5 / 18
Safety Device		Over temperaure visible & audible alarm, leakage protector, spare temperature control		Over temperaure visible & audible alarm, leakage protector, spare temperature control		
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz		AC 220 / 110V, 50 / 60Hz	380V, 50Hz	
	Consumption (W)	2500		3500	5500	7000
N.W. / G.W. (kg)		80 / 115		110 / 150	170 / 250	250 / 340
Package Dimension (W*D*H) (mm)		950*760*980		900*1020*1150	1200*1080*1430	1420*1080*1650
Optional		Spare shelf, RS485 port, built-in printer, multi-segment programable control		Spare shelf, RS485 port, built-in printer, multi-segment programable control		

Forced-Air Drying Oven

DOF-27 DOF-91 DOF-136 DOF-216



Internal circulation system

Forced convection system.
Stainless steel tube loop heater.
Side air outlet, the air volume can be adjusted.
Adopts high-quality fan motor, has higher ventilation efficiency and better temperature uniformity.

Key Features

Energy-saving

Good thermal insulation design keeps the surface of the box at a lower temperature and saves energy consumption.
Automatically adjust the control parameters according to the ambient temperature and load to achieve the optimal heating method and reduce energy consumption.

Dedicated sheet metal processing

Outer box material: cold-rolled steel surface sprayed with plastic; inner material: SUS stainless steel plate.
Pull-out movable shelf.



Intelligent control

Color LCD display, PID temperature controller, precise temperature control.
Menu-type operation interface, simple and convenient operation, can quickly set temperature and time parameters.



Independent external galvanic temperature protection device.
Non-contact relay, avoid electromagnetic and high frequency interference.
High power and heavy load motor, stable operation.



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.

Specifications

Model		DOF-27	DOF-91	DOF-136	DOF-216
Capacity(L)		27	91	136	216
Circulation Mode		Forced convection			
Dimension (W*D*H)	Internal (mm)	300*300*300	450*450*450	550*450*550	600*600*600
	External (mm)	890*614*749	1040*762*869	1140*762*969	1190*912*1049
Temperature	Range (℃)	RT+10℃~ 250℃			
	Fluctuation (℃)	±1%			
	Uniformity (℃)	±0.5℃			
	Sensor	PT100			
Controller		PID			
Material	Internal	SUS stainless steel plate			
	External	Plastic spraying on the surface of cold-rolled steel plate			
Shelves (Standard)		2			
Safety Device		Over temperature alarm, under temperature alarm, temperature probe damage alarm			
Electricity	Voltage / Frequency	AC 220V 50Hz	AC 380V 50Hz		
	Consumption (W)	1500	3000	4500	6000
N.W. / G.W.(kg)		100/105	150/185	200/240	250/300
Package Dimension (W*D*H) (mm)		1010*710*840	1170*920*1040	1270*950*1140	1330*1060*1220

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

Forced-Air Drying Oven

DOF-430-A DOF-625-A DOF-430-B DOF-625-B



DOF-430-A
DOF-430-B

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 microprocessor control, parameter real-time display.

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



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.



Humanized design

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

The insulation material is made of high-quality glass wool, 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.
- Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.

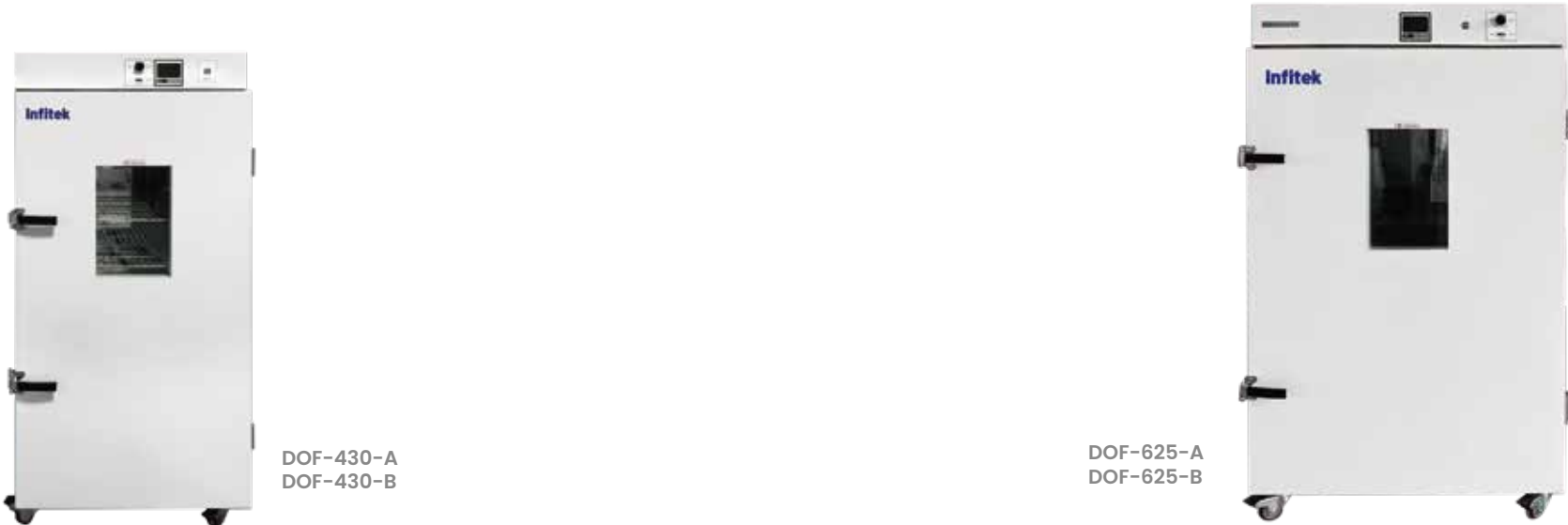
Application

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
- RS485 port
- Build-in printer
- Multi-segment programable control

Specifications



Model		DOF-430-A		DOF-430-B	DOF-625-A		DOF-625-B	
Capacity (L)		429		429	624		624	
Circulation Mode		Forced convection						
Dimension (W*D*H)	Internal (mm)	600*550*1300		600*550*1300	800*600*1300		800*600*1300	
	External (mm)	780*710*1700		780*710*1700	1030*800*1780		1030*800*1780	
Tempe -rature	Range (℃)	RT+5～200		RT+5～300				
	Fluctuation (℃)	±1						
	Resolution (℃)	0.1						
	Uniformity (℃)	±2.5%						
	Sensor	PT100						
Controller		Microcomputer						
Display		High efinition LCD						
Timer (min)		1~9999min						
Material	Internal	Mirror stainless steel						
	External	Coated Steel						
Shelves (Standard / Max)		4/6		4/6	5/6		5/6	
Safety Device		Over temperaure visible& audible alarm ,leakage protector, spare temperature control						
Electricity	Voltage / Frequency	AC 380V 50HZ						
	Consumption (W)	2600		3500	3600		5700	
N.W. / G.W. (kg)		130/153		130/153	168/186		168/186	
Package Dimension(W*D*H) (mm)		930*810*1780		930*810*1780	1130*860*1880		1130*860*1880	
Optional		Spare shelf, RS485 port, Built-in printer, Multi-segment programable control						

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			

Vacuum Oven

DOV-55E II DOV-25E II DOV-90E II DOV-215E II



Optional

RS485 port
Multi-segment programable control
Inert gas inlet valve
Vacuum pump
(optional DOV-55E II DOV-25E II, standard DOV-90E II DOV-215E II)



DOV-55E II



DOV-90E II



DOV-215E II

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 glass wool, and the insulation layer of the chamber is thickened.



DOV-25E II



With over temperature control of visible& audible alarm system.
Equipped with leakage protection device to ensure the safety of operators and other equipment in the laboratory.
Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.

Key Features



Energy-saving

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



Dedicated sheet metal processing

The inner chamber is made of polished stainless steel, with strong corrosion resistance.



Intelligent control

Large high efinition LCD display,with intelligent microprocessor control, parameter real-time display.
To keep vacuum states in the chamber, working chamber fill with inert gas(inflation pressure≤0.1 MPa).

Specifications

Model		DOV-55E II	DOV-25E II	DOV-90E II	DOV-215E II
Capacity(L)		54	25	91	215
Heating Mode		Shelf direct heating			
Dimension (W*D*H)	Internal (mm)	420*350*370	300*300*280	450*450*450	560*600*640
	External (mm)	710*590*530	580*570*450	610*660*1450	720*820*1750
Temperature	Range (℃)	RT+10 ~ 250	RT+10 ~ 200		
	Fluctuation (℃)	±1			
	Resolution (℃)	0.1			
	Sensor	PT100			
Controller		Microcomputer			
Vacuum Degree Range		<133Pa			
Vacuum Nozzle Diameter(mm)		Φ10			
Display		High efinition LCD			
Timer (min)		1 ~ 9999			
Material	Internal	Mirror stainless steel			
	External	High-quality thin steel plate			
Shelves (Standard)		2	1	2	3
Safety Device		Leakage protector, over temperaure visible & audible alarm			
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			
	Consumption (W)	1400	500	1600	2200
N.W. / G.W.(kg)		75 / 88	35 / 64	90 / 145	145 / 195
Package Dimension(W*D*H)(mm)		820*650*720	730*590*650	780*760*1630	880*900*1750
Optional		RS485 port, multi-segment programable control, inert gas inlet valve, vacuum pump (optional DOV-55E II DOV-25E II, standard DOV-90E II DOV-215E II)			

Dual Convection Oven

DOF-H45II DOF-H80II DOF-H140II DOF-H250II



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.



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

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

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.

Safety

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
- RS485 port
- Built-in printer
- Multi-segment programmable control



DOF-H45II



DOF-H80II



DOF-H140II



DOF-H250II

Specifications

Model		DOF-H45II	DOF-H80II	DOF-H140II	DOF-H250II
Capacity(L)		43	81	138	252
Circulation Mode		Forced / Natural convection			
Dimension (W*D*H)	Internal (mm)	350*350*350	450*400*450	500*500*550	600*600*700
	External (mm)	640*500*600	730*530*690	780*690*800	880*730*950
Temperature	Range (℃)	RT+10 ~ 300			
	Fluctuation (℃)	±1			
	Resolution (℃)	0.1			
	Uniformity (℃)	≤Max. Temp. ±3.5			
	Sensor	PT100			
Controller		Microcomputer			
Display		High definition LCD			
Timer(min)		1 ~ 9999			
Material	Internal	Mirror stainless steel			
	External	High-quality thin steel plate			
Shelves (Standard)		2			
Safety Device		Over temperature visible & audible alarm, leakage protector, spare temperature control			
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			
	Consumption (W)	1300	2000	2500	3000
N.W. / G.W.(kg)		35 / 55	50 / 80	75 / 97	110 / 136
Package Dimension (W*D*H)(mm)		760*650*810	860*710*900	920*780*980	900*1010*1140
Optional		Spare shelf, RS485 port, built-in printer, multi-segment programmable control			

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.

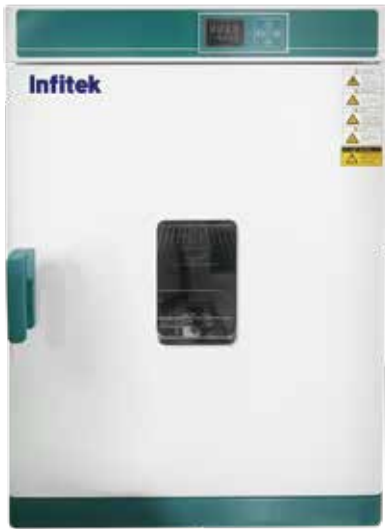
Optional

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 (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 2.Intelligent LCD procedure temperature controller(Optional USB,RS485/232 and printer)				

Drying Oven / Incubator (Dual-use)

DOI-45H DOI-72H DOI-125H DOI-210H



Key Features



Energy-saving

Adopt new synthetic silicone sealant strip,can run at high temperature for a long time.

The temperature rises rapidly, forced convection, and the dry hot air passes directly through the heated object, and the drying and disinfection time is significantly shortened.

The three-gear fan speed can be adjusted and timed by instrument setting, and the shelf can be moved to facilitate cleaning inside the box.



Intelligent control

High-precision microcomputer LCD temperature controller, accurate and reliable temperature control.

Function:timing, over-temperature alarm indication, temperature deviation correction, temperature control self-tuning, automatic speed regulation of fan, door control (Once the door is opened, the heating will be automatically stopped to effectively prevent the machine from overheating) etc.



Internal circulation system

Forced convention system

Equipped with fan speed control switch, users can choose to “adjust the wind speed manually” or directly choose “automatic speed regulation of fan according to their needs.



Dedicated sheet metal processing

The shell of the product is made of high quality cold-rolled steel plate and the surface is treated by spraying process.

The inner chamber is made of 304 mirror stainless steel.



Humanized design

Built-in thickened double layer toughened glass 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.



Once the temperature exceeds the limit, the machine will automatical-ly stop heating to ensure the safety of personnel and equipment.

With over temperature control of visible& audible alarm system.

Application

It is suitable for drying, baking, wax melting and heat treatment in laboratories of industrial and mining enterprises, colleges and universities, scientific research institutes, medical and health care, etc.



DOI-45H DOI-72H



DOI-125H DOI-210H

Specifications

Model		DOI-45H	DOI-72H	DOI-125H	DOI-210H
Capacity(L)		45	72	125	210
Heating Mode		Forced air convection			
Dimension (W*D*H)	Internal (mm)	350*360*350	400*400*450	450*500 * 550	500*600*700
	External (mm)	550*495*700	590*535*800	650*635*1040	705*735*1190
Temperature	Range (℃)	Oven:80-300;Incubator: RT+5-80			
	Fluctuation (℃)	Used for incubator: ±0.5; Use for drying oven:±1			
	Resolution (℃)	0.1			
	Sensor	±2.5			
Controller		PT100			
Display		PID			
Timer (min)		LCD			
Material	Internal	Stainless steel			
	External	High quality cold-rolled steel plate			
Shelves		2			
Test Hole		1			
Safety Device		Over- temperature alarm			
Electricity	Voltage / Frequency	AC 220/110V, 50/60Hz			
	Consumption (W)	1000	1500	2000	3000
N.W. / G.W.(kg)		38/46	47/55	71/81	85/97
Shipping Dimension (W*D*H)(mm)		600*550*790	650*600*880	720*700*1130	790*750*1280
Optional		Spare shelf, RS485 port, printer, multi-segment programmable control, color touch screen temperature controller			

Infrared Fast Heating Drying Oven

DON-IF45 DON-IF80 DON-IF140 DON-IF250



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 microcomputer control, parameter real-time display.



Dedicated sheet metal processing

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

Application

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



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 glass wool, and the insulation layer of the chamber is thickened.



With over temperature control of visible & audible alarm system.

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

Equipped with spare temperature control which ensures the product work normally even the main temperature control failed.

Equipped with multiple sets of heaters, far-infrared heating radiator and temperature control.

Optional

- Multi-segment programable control
- Built-in printer
- RS485 port
- Spare shelf



Specifications

Model		DON-IF45	DON-IF80	DON-IF140	DON-IF250
Capacity(L)		43	81	138	252
Circulation Mode		Natural convection			
Dimension (W*D*H)	Internal (mm)	350*350*350	450*400*450	500*500*550	600*600*700
	External (mm)	640*500*600	730*530*690	780*690*800	880*730*950
Temperature	Range (℃)	RT+5 ~ 300			
	Fluctuation (℃)	±1			
	Resolution (℃)	0.1			
	Uniformity (℃)	≤Max. Temp. ±3.5			
	Sensor	PT100			
Controller		Microcomputer			
Display		High efinition LCD			
Timer (min)		1 ~ 9999			
Material	Internal	Mirror stainless steel			
	External	High-quality thin steel			
Shelves (Standard)		2			
Safety Device		Over temperaure visible & audible alarm, leakage protector, spare temperature control			
Electricity	Voltage / Frequency	AC 220 / 110V, 50 / 60Hz			
	Consumption (W)	1400	2000	2800	4000
N.W.(kg)/ G.W.(kg)		36 / 56	51 / 81	76 / 111	111 / 151
Package Dimension (W*D*H)(mm)		750*570*840	850*600*900	960*700*1000	1010*890*1150
Optional		Multi-segment programable control, built-in printer, RS485 port, spare shelf.			

High Temperature Oven

DON-H130 DON-H220 DON-H640



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.



Dedicated sheet metal processing

Outer box material: cold-rolled steel surface sprayed with plastic; inner material: SUS stainless steel plate.

Top-mounted air outlet, easy to switch.

Pull-out movable shelf.



Intelligent control

LED display, PID temperature controller, precise temperature control.

Continuous operation or timed operation: 0 ~ 9999min; with parameter memory function, it will automatically resume operation after incoming calls.

The resistance wire at the bottom can be heated, and there is a temperature switch. Suitable heating power can be selected according to different temperatures.

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

Internal circulation system

Natural convection system.

Application

This product is used for drying, baking, wax melting and sterilization in industrial and mining enterprises, laboratories and scientific research units. This drying oven is suitable for heating, drying or heat treatment below 500 °C, and is not suitable for baking volatile items and flammable and explosive items.



Specifications

Model		DON-H130	DON-H220	DON-H640
Capacity(L)		137	226	646
Circulation Mode		Natural convection		
Dimension (W*D*H)	Internal (mm)	552*450*553	602*500*753	803*803*1003
	External (mm)	1020*720*922	1070*770*1122	1270*1070*1372
Temperature	Range (℃)	50℃ - 500℃		
	Fluctuation (℃)	±1℃		
	Uniformity (℃)	±3.5%		
	Sensor	PT100		
Controller		PID		
Material	Internal	SUS stainless steel plate		
	External	Plastic spraying on the surface of cold-rolled steel plate		
Shelves (Standard)		2	3	3
Safety Device		Over temperature alarm, temperature probe damage alarm		
Electricity	Voltage / Frequency	AC 380V 50Hz		
	Consumption (W)	6000	8000	12000
N.W. / G.W.(kg)		110/140	140/170	110/200
Shipping Dimension (W*D*H)(mm)		1170*840*1080	1220*890*1280	1470*1190*1530

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 definition 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 programmable control (USB data storage, RS485 / 232 port and build-in printer)
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 definition 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 programmable control (USB data storage, RS485 / 232 port and build-in printer), digital independent temperature limiter		