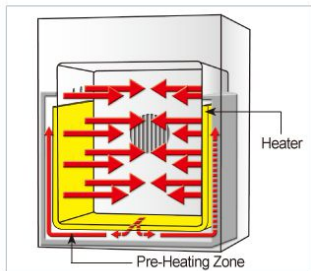# DAIHAN® Forced-air Drying Oven "ThermoStable™ OF", 3-Side Heating Zone, 50 · 105 · 155 · 305 Lit, up to 250℃, ±0.3℃
With Wire Shelves, Digital PID Control, Jog-Dial & Push Button, Digital LCD, with Back-light, Pre-Heating Zone, Certi. & Traceability
강제 순환식 정밀 건조기/오븐, 고밀질 디지털 퍼지 제어, 우수한 온도 정확성/균일성

Jog-Dial with Push Button

Digital LCD with Back-light Function

up to 250℃

2-Year Warranty

(1) Standard Model, Forced-air Oven

- UL, CUL, and CE Certified(Exclude 305Lit-model)   ■ GD(Good Design)-mark
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- 3-Side Heating Zone : The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism
- Digital PID Control System Implementing Superior Temperature Accuracy
- Optimized Air Flow by Forced-air Mechanism
- Patented Jog-Dial Control System   ■ PL(Product Liability) Insurance
※ Suitable for Drying, Baking, Conditioning, Curing, Pre-Heating and Aging
※ Compact New Body Design   ※ Alarm Function : Error status and Timer-end
※ RS232C Interface for Monitoring and Controlling with PC
※ Ambient +5℃ to 250℃ Range with Fluctuation of ±0.3℃ at 100℃
※ Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be disabled)

3-Side Heating Zone Forced-air Mechanism :
The Best Temp. Uniformity & Accuracy by High Performance Heating Mechanism
(Exclude OF-305, OF-W305)

Perfect Door Lock by Double Latch

Specification

Spec.	Model	ThermoStable OF-50 Max. Capa. 50L	(1) Standard Model		
			ThermoStable OF-105 Max. Capa. 105L	ThermoStable OF-155 Max. Capa. 155L	ThermoStable OF-305 Max. Capa. 305L
			(2) Window Model		
			ThermoStable OF-W105	ThermoStable OF-W155	ThermoStable OF-W305
Capacity		50 Lit	105 Lit	155 Lit	305 Lit
Dimension (w×d×h)	Interior (mm)	370×345×420	485×415×535	550×480×600	550×470×1,180
	Exterior (mm)	518×647×724	653×712×882	718×777×947	721×777×1,619
Heater Power		650 W	1.4 kW	1.6 kW	3.4 kW
Temp.	Range	Room Temp +5℃ to 250℃			
	Fluctuation	±0.3℃ at 100℃, ±0.5℃ at 150℃			
	Variation	±1℃ at 100℃, ±1.8℃ at 150℃		±1℃ at 100℃, ±2℃ at 150℃	
	Sensor	PT 100			
Control Resolution		±0.1℃			
Heat-up Time		25 min. to 100℃, 45 min. to 150℃		25 min. to 100℃, 40 min. to 150℃	
Recovery Time (Door open 30sec)		8 min. to 100℃, 8 min. to 150℃		6 min. to 100℃, 6 min. to 150℃	
Controller		Digital PID Control by Advanced Microprocessor Jog-Dial with Push Button			
RS232 Port		Available to connect with PC			
Display		Digital LCD with Back Light			
Timer		99hr 59 min (delay/continuous function)			
Storage		Temperature and Timer setting values			
Material	Internal	Stainless-steel (#304), Corrosion Resistant			
	External	Powder Coated steel			
	Insulation	Glass Wool			
Shelf (included)		2 Wire Shelf			3 Wire Shelf
		Load per Stainless-steel Wire Shelf : 16 kg			
Ventilation		Ventilation hole with Stainless-steel Cap, Hole Diameter 40mm			
		1ea	2ea		3ea
Circulation		Forced-air Type			
Safety device		Over Temp. and Over Current Protector, Sensor Error Detector			
Alarm		Error Status and Timer-end			
Net Weight (kg)		44	69	78	159
Packing Size (w×d×h)(mm)		622×754×807	743×819×1,068	808×884×1,133	1,000×1,000×1,870
Shipping Weight (kg)		59	79	92	219
Power Consumption		674 W	1390 W	1566 W	3200 W
Energy Consumption, at 100℃		117 Wh	187 Wh	204 Wh	-
, at 150℃		230 Wh	337 Wh	398 Wh	-
Electric Reqts.		120V, 60Hz or 230V, 50/60Hz			

· Other Specifications are available upon Customer's Request.

Ordering Information

(1) Standard Model, Forced-air, with Wire Shelf

DH.WOF05050   Oven, Standard, 230V,   50 Lit, "ThermoStable OF-50"
DH.WOF05105   , 105 Lit, "ThermoStable OF-105"
DH.WOF05155   , 155 Lit, "ThermoStable OF-155"
DH.WOF05305   , 305 Lit, "ThermoStable OF-305"
DH.WOF06050   Oven, Standard, 120V,   50 Lit, "ThermoStable OF-50"
DH.WOF06105   , 105 Lit, "ThermoStable OF-105"
DH.WOF06155   , 155 Lit, "ThermoStable OF-155"
DH.WOF06305   , 305 Lit, "ThermoStable OF-305"

(2) Built in Viewing Window Model, Forced-air, with Wire Shelf

DH.WOF07105   Oven, Window, 230V, 105 Lit, "ThermoStable OF-W105"
DH.WOF07155   , 155 Lit, "ThermoStable OF-W155"
DH.WOF07305   , 305 Lit, "ThermoStable OF-W305"
DH.WOF08105   Oven, Window, 120V, 105 Lit, "ThermoStable OF-W105"
DH.WOF08155   , 155 Lit, "ThermoStable OF-W155"
DH.WOF08305   , 305 Lit, "ThermoStable OF-W305"
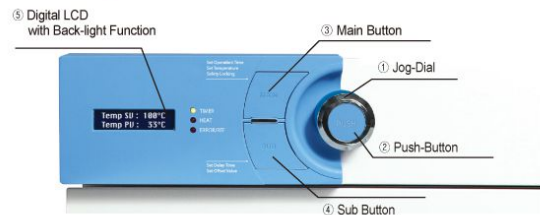
Spare Stainless-steel Wire Shelf

DH.WOF11050   Wire Shelf, for   50 Lit, "OFS050", w340×d310mm
DH.WOF11105   , for 105 Lit, "OFS105", w455×d375mm
DH.WOF11155   , for 155-/305-Lit, "OFS155", w520×d440mm

Forced-air Oven with Validation (IQ, OQ) Service

DH.WOF31050   Validation Service(IQ, OQ),
               with "ThermoStable OF-50", "OFV1050"
DH.WOF31105   Validation Service(IQ, OQ),
               with "ThermoStable OF-105", "OFV1105"
DH.WOF31155   Validation Service(IQ, OQ),
               with "ThermoStable OF-155", "OFV1155"
DH.WOF32105   Validation Service(IQ, OQ),
               with "ThermoStable OF-W105", "OFV2105"
DH.WOF32155   Validation Service(IQ, OQ),
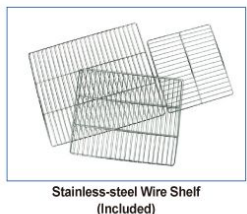   with "ThermoStable OF-W155", "OFV2155"

up to 250℃

2-Year Warranty

(2) Window Model, Forced-air Oven

Stainless-steel Wire Shelf (Included)

WiseRemote Control Software :
Connection of Temperature Devices with Interface RS232C to a PC Export Recorded Data(Excel Spreadsheet)

※ You can Download this Software at DAIHAN-Sci.com Shopping-mall

>> New Jog-Dial Controller

⑤ Digital LCD with Back-light Function

③ Main Button
① Jog-Dial
② Push-Button
④ Sub Button

Temp SU : 100℃
Temp PV : 55℃

· Provides the user interface with an ergonomic design for users to operate in an easy and convenient way.
· A new 2-way Jog-Dial Knob (Jog Dial + Push Button) and presents excellent durability and mobility.
· High-quality LCD with Back-light function.
· A durable Main Button and a Sub Button that features superb and user-friendly operation.