

DAIHAN® Gas Exchangeable Precise Vacuum Drying Oven “ThermoStable™ OV”, 20 · 30 · 70 Lit, 10~750 mmHg, 200℃
 With Highly Safety View Window, 2 Al-Shelf, Digital PID Control, Superior Temp. & Vacuum Accuracy, Excellent Thermal Conductivity
 가스 교환 정밀 진공 건조기/오븐, 고정밀 디지털 PID 제어, 알루미늄 선반 포함



Precise Vacuum Oven “ThermoStable™ OV-30”



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



(1) Standard Shelf, Al.(Included)

- **UL, CUL, and CE Certified** ■ **PL(Product Liability) Insurance**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Suitable for Drying, Baking, Conditioning, Curing, Out-Gassing Solids and Liquids, Vacuum Embedding, Moisture Testing, Plating and Aging Test**
- **Patented Jog-Dial Control System and Back-Light LCD**
- **Gas Exchangeable, High Heat Conduction and New Jog-Dial Controller & Precise Gauge**
- **WiseRemote Control Software ; Download at DAIHAN-Sci.com.**
- * Very Easy and Convenient for Vacuuming and Venting, Easy to read Vacuum Gauge
- * Highly Safety Viewing Window (Tempered Safety Glass + Polycarbonate Window)
- * Heavy-duty Safety Front Door for User Safety
- * High Quality Door Sealing : High Temperature Grade Silicone Molded Gasket
- * Locking Mode Supported for Experimental Safety (Input to Jog-Dial can be disabled)
- * Compact New Body Design

Specifications & Ordering information

Spec.	Model	ThermoStable™ OV-20	ThermoStable™ OV-30	ThermoStable™ OV-70
		Max. Capa. 20 Lit	Max. Capa. 30 Lit	Max. Capa. 70 Lit
Capacity		20 Lit	30 Lit	70 Lit
Vacuum Range & Level & Rate		10 ~ 750 mmHg, 0.63mbar, 0.39mbar/hr		
Temp.	Range / Sensor	R/T +10℃ to 200℃, PT100		
	Accuracy	± 0.5℃ at 100℃ & 150℃		
	Uniformity	± 2.0℃ at 100℃, ± 3.0℃ at 150℃		± 2.5℃ at 100℃, ± 3.5℃ at 150℃
Heating Power/Consumption		170W × 2ea 130W × 2ea	350W × 2ea 450W × 2ea	
Heat-up Time		60 min. to 100℃, 90 min. to 150℃	70 min. to 100℃, 100 min. to 150℃	80 min. to 100℃, 100 min. to 150℃
Timer & Alarm		99hr 59min (with delay / Continuous run.), Error status & Timer-end		
Display		Digital LCD with Back Light		
Controller		Digital PID Controller with Jog-Dial Switch (Turn & Push)		
Resolution		Control : ± 1.0℃, Display : ± 1.0℃		
Shelf (Included)		2 Aluminum Shelf		
Safety Circuit		Over Temp. & Over Current Protector, Sensor Error Detector, Leakage Breaker		
Material		Internal : Stainless-steel (# 304), External : Powder Coated steel, Window : Tempered Safety Glass 12T, Poly Carbonate 5T for Safety		
Others		Storage Function (Temp and Timer), Locking Mode (Jog-Dial Input Disabled)		
Dimension (w × d × h)	Interior (mm)	265 × 290 × 265	300 × 330 × 300	400 × 435 × 400
	Exterior (mm)	480 × 475 × 547	515 × 515 × 582	618 × 620 × 682
Vacuum & Gas Inlet Valve Size		od. 10 mm		
Net Weight		48 kg	55 kg	85 kg
Packing Size (w × d × h) (mm) & Gross Weight		600 × 580 × 850	640 × 640 × 900	740 × 720 × 1000
		57 kg	80 kg	112 kg
Power Consumption		600 W	600 W	1.6 kW
Electric Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50 / 60Hz		
Cat. No.	230V	DH.WOV03020	DH.WOV03030	DH.WOV03070
	120V	DH.WOV04020	DH.WOV04030	DH.WOV04070

* Other Specifications are available upon Customer's Request.

Spare Aluminum Shelf

- DH.WOV12020 (1) Standard Shelf, Alu., “OVSN020”, 260 × 245 × h3mm, for 20 Lit
- DH.WOV12030 , “OVSN030”, 290 × 285 × h3mm, for 30 Lit
- DH.WOV12070 , “OVSN070”, 390 × 390 × h3mm, for 70 Lit

※ Note! Optional Vacuum Pump : See page 688