

Articles	Cat. No	Description
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**“WiseTherm® FSC” 1,450°C Programmable High-Temp Muffle Furnace, Exposed Heating Elements-type**  
 With SIC Heater, Digital PID Control, Short Heat-up Time, 2-Side Heating, without Ceramic Fiber Plate, 1.9~22 Lit  
 고온 디지털 전기로, 디지털 PID 컨트롤 시스템, 2면 가열 방식



2-Year Warranty

1.9Lit “FSC-2” 1,450°C Model

- **PL(Product Liability) Insurance**
- **with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System**
- **Digital PID Programmable Controller : 2 Patterns with 10 Segments**
- **Digital LCD Display**      ■ **High Quality Insulation : Ceramic Fiber Board**
- **SIC(Silicon Carbide) Heater**
- \* Safety Door Lock System      \* Excluding Ceramic Fiber Plate
- \* Ceramic Fiber Exposed Heating Wire, 2-Side Heating      \* Safety Switch for Door Opening

**Specifications & Ordering information**

Spec.	Model	WiseTherm® FSC-2	WiseTherm® FSC-5	WiseTherm® FSC-11	WiseTherm® FSC-22
		Max. Capa. 1.9Lit	Max. Capa. 4.5Lit	Max. Capa. 11Lit	Max. Capa. 22Lit
Temp. Range		500°C ~ 1,450°C			
Capacity		1.9 Lit	4.5 Lit	11 Lit	22 Lit
Heater		SIC Heater, 2-Side Heating			
Thermocouple		R-type Thermocouple			
Heating Power		2 kW	3.3 kW	7.7 kW	9.6 kW
Required time to be reached 800°C		30 min			
Timer & Alarm		99hr 59min or Continuous run			
Display		Digital LCD Display			
Controller		Digital PID Controller, UP35A, SCR Power Controller with Push Button			
Program Function		2 Patterns with 10 Segments			
Safety Circuit		Over-Temp./-Current protection, Sensor Error Detection, Safety Switch for Door Opening	Over-Temp./-Current protection, Sensor Error Detection		
Material		Ceramic Fiber board with SIC Heater-Internal, Powder Coated steel-External, Ceramic Fiber-Insulation			
Dimension (w×d×h)	Internal (mm)	120×130×120	150×200×150	200×270×200	250×350×250
	External (mm)	440×482×700	820×555×655	870×625×715	920×705×785
Packing Size(w×d×h) (cm)		680×540×940	1350×600×890	1400×770×950	1450×900×1100
Gross Weight		57 kg	70 kg	102 kg	132 kg
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz, without Cord and Plug			
Cat. No.	230V	DH.FSC02002	DH.FSC02005	DH.FSC02011	DH.FSC02022
	120V	DH.FSC01002	DH.FSC01005	DH.FSC01011	DH.FSC01022
Price, Each. ₩		4,234,000	5,080,000	6,774,000	9,060,000

\* Other Specifications are available upon Customer's Request.

※ 운임 약 ₩ 20,000 별도!



2-Year Warranty

4.5/11/22-Lit “FSC-5”, “FSC-11” & “FSC-22” 1,450°C Model

**Optional Ceramic Fiber Plate**

		Ea. Price, ₩
DH.FSC2002	(1) Ceramic Fiber Plate, w110×d120mm, for 1.9Lit	69,000
DH.FSC2005	, w140×d180mm, for 4.5Lit	91,000
DH.FSC2011	, w190×d250mm, for 11Lit	124,000
DH.FSC2022	, w240×d330mm, for 22Lit	275,000

**Optional Glove**

		Ea. Price, ₩
K9.26592	(2) Glove, Heat Resistant, 800°C , 1Pair, L330 mm	34,610
AS1.7896.01	(3) , 1,000°C, 1Pair, L450 mm	335,190
AS1.7896.02	, L350 mm	260,090



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Glove (800°C)



(3) Heat-resistant Glove (1,000°C)