

Cat. No	Description	Articles
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“WiseTherm® FSC” 1,450°C Programmable High-Temp. Muffle Furnaces, 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

1450°C Programmable High Temp. Muffle Furnace, 1.9Lit, “WiseTherm® FSC-2”

- Made in Korea ■ 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
- * Ceramic Fiber Exposed Heating Wire, 2-Side Heating
- * Excluding Ceramic Fiber Plate
- * Safety Switch for Door Opening

Specifications & Ordering information

Spec.	Model	WiseTherm® FSC-2	WiseTherm® FSC-5	WiseTherm® FSC-11	WiseTherm® FSC-22
Temp. Range		500°C ~ 1450°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. ₩					

* Other Specifications are available upon Customer's Request. ※ 운임 약 ₩ 20,000 별도!



2-Year Warranty

1450°C Programmable High Temp. Muffle Furnace, “WiseTherm® FSC-5”, “WiseTherm® FSC-11”, “WiseTherm® FSC-22”

Optional Ceramic Fiber Plates

- DH.FSC2002 (1) Ceramic Fiber Plate, w110 × d120mm, for 1.9Lit.
- DH.FSC2005 , w140 × d180mm, for 4.5Lit.
- DH.FSC2011 , w190 × d250mm, for 11Lit.
- DH.FSC2022 , w240 × d330mm, for 22Lit.

Ea. Price, ₩

Optional Gloves

- AS1.7896.01 (2) Gloves, Heat Resistant, 1000°C, 1Pair, L450 mm
- AS1.7896.02 , L350 mm

Ea. Price, ₩



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate



(2) Heat-resistant Gloves