

Cat. No	Description	Articles
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DAIHAN-brand® 1,000 °C Programmable Digital Muffle Furnaces “FX”, Exposed Heating Elements-type with Digital PID Control, Short Heat-up Time, Ceramic Fiber, 4-Side Heating, with Ceramic Fiber Plate, 3~63 Lit
 디지털 전기로, 디지털 PID 컨트롤 시스템, 4면 가열 방식, 히터 노출형



2-Year Warranty

1000 °C Digital Muffle Furnace, Exposed Heating Elements-type “FX-14”

- Made in Korea ■ CE Certified ■ PL (Product Liability) Insurance
- with Certificate & Traceability : Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Patented Jog-Shuttle Control System and Digital LCD with Back-Light Function
- Digital PID Programmable Controller : 4 Patterns with 10 Segments
- * Designed for Ash-Determinations, Enameling, Fusions, Precipitate Drying
- * User’s Self-Compensation Function for Temperature (± 50 °C) * Resolution : 1 °C, 1min
- * Safety Switch for Door Opening * Ceramic Fiber exposed Heating Wire, 4-Side Heating

Specifications & Ordering information

Spec.	Model	“FX-03”	“FX-05”	“FX-12”	“FX-14”	“FX-27”	“FX-63”
Temp. Range		300 °C ~ 1000 °C					
Capacity		3 Lit.	4.5 Lit.	12 Lit.	14 Lit.	27 Lit.	63 Lit.
Heater		Kanthal A1, Expose Wire Heating Elements, 4-Side Heating					
Thermocouple		K-type Thermocouple					
Heating Power		1.6 kW	1.7 kW	3.3 kW	4.0 kW	4.6 kW	9 kW
Required time to be reached 800 °C		16 min		20 min		23 min	
Timer & Alarm		99hr 59min (Continuous run), Error status & Timer-end					
Display		Digital LCD with Back-Light Function					
Controller		Digital PID Controller with Jog-Dial Switch (Turn+Push)					
Program Function		4 Patterns with 10 Segments					
Safety Circuit		Over-Temp./-Current protection, Sensor Error Detection Safety Switch for Door Opening					
Material		Ceramic Fiber with Heating Wire-Internal, Powder Coated steel-External Ceramic Fiber-Insulation					
Dimension (w × d × h)	Internal (cm)	13×25×9	15×30×10	20×30×20	25×35×16	30×30×30	40×40×40
	External (cm)	41×48×53	44×53×55	50×55×66	55×59×62	60×59×76	100×75×95
Packing Size(w × d × h) (cm)		63×54×77	68×57×78	70×63×89	74×68×85	74×73×99	116×90×110
Gross Weight		47 kg	54 kg	59 kg	73 kg	83 kg	225 kg
Electrical Reqts.		1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz		1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase			

Cat. No.	230V	DH.WF21.03	DH.WF21.05	DH.WF21.12	DH.WF21.14	DH.WF21.27	DH.WF21.63
	120V	DH.WF20.03	DH.WF20.05	DH.WF20.12	DH.WF20.14	DH.WF20.27	DH.WF20.63
	3Phase	-	-	DH.WF23.12	DH.WF23.14	DH.WF23.27	DH.WF23.63

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



2-Year Warranty

1000 °C Digital Muffle Furnace, Exposed Heating Elements-type “FX-63”

Spare Ceramic Fiber Plates

- DH.WF211.03 (1) Ceramic Fiber Plate, 120×215mm, “FS1103” for 3Lit.
- DH.WF211.05 , 140×265mm, “FS1105” for 4.5Lit.
- DH.WF211.12 , 190×265mm, “FS1112” for 12Lit.
- DH.WF211.14 , 240×310mm, “FS1114” for 14Lit.
- DH.WF211.27 , 280×280mm, “FS1127” for 27Lit.
- DH.WF211.63 , 400×400mm, “FS1163” for 63Lit.

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 (Included)



(2) Heat-resistant Gloves