

DAIHAN-brand® 1,000℃ 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℃ Digital Muffle Furnace,
Exposed Heating Elements-type “FX-14”



2-Year Warranty

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



Inner Chamber of
Exposed Heating Elements-type

- 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 ($\pm 50^\circ\text{C}$) * 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℃ ~ 1000℃						
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℃	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!

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℃, 1Pair, L450 mm
AS1.7896.02	, L350 mm

Ea. Price, ₩



(1) Ceramic Fiber Plate
(Included)



(2) Heat-resistant Gloves