

Cat. No	Description	Articles
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**DAIHAN-brand® 1,200°C Programmable Digital Muffle Furnaces, "FHPX", Exposed Heating Elements-type with Digital PID Programmable Control, Short Heat-up Time, Ceramic Fiber, 4-Side Heating, with Ceramic Fiber Plate, 3~63 Lit.**  
 1,200°C 프로그램식 전기로, 디지털 PID 컨트롤 시스템, 프로그램 기능, 4면 가열 방식, 히터 노출형

- with Certificate & Traceability :  
Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Digital PID Programmable Controller : 3 Patterns with 16 Segments
- CE Certified                      ■ PL(Product Liability) Insurance
- \* User's Self-Compensation Function for Temperature (±50°C)
- \* Programmable Timer : 99 hr 59 min    \* Ceramic Fiber Exposed Heating Wire, 4-Side Heating
- \* Resolution : 1°C, 1min    \* Safety Switch for Door Opening    \* Included Ceramic Fiber Plate

**Specification**

Capacity & Model and Temp. Range	3 Lit.	4.5 Lit.	12 Lit.	14 Lit.	27 Lit.	63 Lit.	
	"FHPX-03"	"FHPX05"	"FHPX-12"	"FHPX-14"	"FHPX-27"	"FHPX-63"	
<b>300°C ~ 1200°C</b>							
Heater	Kanthal A1, Exposed Wire Heating Elements, 4-Side Heating						
Thermocouple	K-type Thermocouple						
Heating Power	1.4 kW	1.8 kW	3.6 kW	4.0 kW	4.6 kW	9 kW	
Required time to be reached 800°C	16 min		20 min			23 min	
Display	LED						
Controller	Programmable PID Controller : 3 Patterns 16 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)	39×48×53	42×53×55	48×55×66	53×58×62	58×59×76	63×71×79
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	
Power Supply*	1 Phase, AC 120V, 60Hz or AC 230V, 50/60Hz		1 Phase AC 120V, 60Hz or AC 230V, 50/60Hz or 3 Phase				

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

※ 운임 약 ₩ 20,000 별도!

**Ordering Information**

		Ea. Price, ₩
DH.WFH22.P03	Furnace, 230V, 3 Lit., "FHPX-03"	1,610,640
DH.WFH22.P05	, 4.5 Lit., "FHPX-05"	1,864,290
DH.WFH22.P12	, 12 Lit., "FHPX-12"	2,392,720
DH.WFH22.P14	, 14 Lit., "FHPX-14"	2,477,250
DH.WFH22.P27	, 27 Lit., "FHPX-27"	4,295,040
DH.WFH22.P63	, 63 Lit., "FHPX-63"	7,042,840
DH.WFH20.P03	Furnace, 120V, 3 Lit., "FHPX-03"	1,610,640
DH.WFH20.P05	, 4.5 Lit., "FHPX-05"	1,864,290
DH.WFH20.P12	, 12 Lit., "FHPX-12"	2,392,720
DH.WFH20.P14	, 14 Lit., "FHPX-14"	2,477,250
DH.WFH20.P27	, 27 Lit., "FHPX-27"	4,295,040
DH.WFH20.P63	, 63 Lit., "FHPX-63"	7,042,840
DH.WFH23.P12	Furnace, 3Phase, 12 Lit., "FHPX-12"	2,552,720
DH.WFH23.P14	, 14 Lit., "FHPX-14"	2,637,250
DH.WFH23.P27	, 27 Lit., "FHPX-27"	4,455,040
DH.WFH23.P63	, 63 Lit., "FHPX-63"	7,202,840

**Spare Ceramic Fiber Plates**

		Ea. Price, ₩
DDH.WF211.03	(1) Ceramic Fiber Plate, "FS1103" for 3Lit.	21,140
DH.WF211.05	, "FS1105" for 4.5Lit.	21,140
DH.WF211.12	, "FS1112" for 12Lit.	31,720
DH.WF211.14	, "FS1114" for 14Lit.	31,720
DH.WF211.27	, "FS1127" for 27Lit.	42,280
DH.WF211.63	, "FS1163" for 63Lit.	73,990

**Optional Gloves & Power Cable**

		Ea. Price, ₩
NA.491041101	(2) Gloves, Heat-resistant, 900°C, Flexible & Long Sleeve, 1Pair	297,580

**Validation (IQ, OQ) Service**

		Ea. Price, ₩
DH.WFH312.P03	Validation Service(IQ, OQ), "FHPV1203", for "FHPX-03"	문의요함
DH.WFH312.P05	, "FHPV1205", for "FHPX-05"	문의요함
DH.WFH312.P12	, "FHPV1212", for "FHPX-12"	문의요함
DH.WFH312.P14	, "FHPV1214", for "FHPX-14"	문의요함
DH.WFH312.P27	, "FHPV1227", for "FHPX-27"	문의요함
DH.WFH312.P63	, "FHPV1263", for "FHPX-63"	문의요함



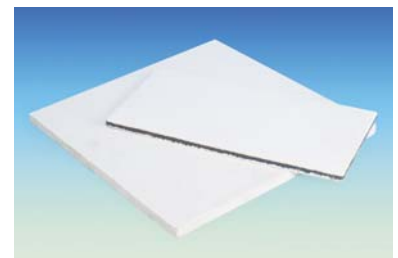
Digital PID Controller : 3 Patterns with 16 Segments



1200°C Digital Muffle Furnace, Exposed Heating Elements-type "FHPX-14"



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Gloves