Articles	Cat. No	Description

DAIHAN-brand® 1,000℃ Programmable Digital Muffle Furnaces, "FPX", Exposed Heating Elements-type NEW

with Digital PID Programmable Control, Short Heat-up Time, Ceramic Fiber, 4-Side Heating, with Ceramic Fiber Plate, 3~63 Lit.

1000℃ *Digital Muffle Furnace, Exposed Heating Elements-type "FPX-14"*

- **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**

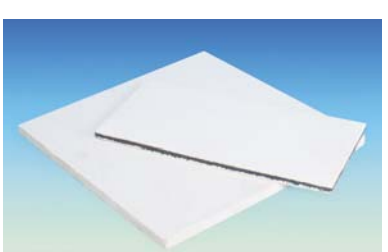
✻ User's Self-Compensation Function for Temperature (±50℃)
✻ Programmable Timer : 99 hr 59 min
✻ Safety Switch for Door Opening
✻ Ceramic Fiber Exposed Heating Wire, 4-Side Heating
✻ Resolution : 1℃, 1min

Specification

Capacity & Model and Temp. Range		3 Lit. "FPX-03"	4.5 Lit. "FPX-05"	12 Lit. "FPX-12"	14 Lit. "FPX-14"	27 Lit. "FPX-27"	63 Lit. "FPX-63"
		300℃ ~ 1000℃					
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℃		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 AC 380V, 50/60Hz			

* Other Specifications are available upon Customer's Request.

Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)

(2) Heat-resistant Gloves

Ordering Information

DH.WF21.P03	Furnace, **1Phase, 230V, 3 Lit., "FPX-03"**
DH.WF21.P05	**, 4.5 Lit., "FPX-05"**
DH.WF21.P12	**, 12 Lit., "FPX-12"**
DH.WF21.P14	**, 14 Lit., "FPX-14"**
DH.WF21.P27	**, 27 Lit., "FPX-27"**
DH.WF21.P63	**, 63 Lit., "FPX-63"**
DH.WF20.P03	Furnace, **1Phase, 120V, 3 Lit., "FPX-03"**
DH.WF20.P05	**, 4.5 Lit., "FPX-05"**
DH.WF20.P12	**, 12 Lit., "FPX-12"**
DH.WF20.P14	**, 14 Lit., "FPX-14"**
DH.WF20.P27	**, 27 Lit., "FPX-27"**
DH.WF23.P12	Furnace, **3Phase, 380V, 12 Lit., "FPX-12"**
DH.WF23.P14	**, 14 Lit., "FPX-14"**
DH.WF23.P27	**, 27 Lit., "FPX-27"**
DH.WF23.P63	**, 63 Lit., "FPX-63"**

Spare Ceramic Fiber Plates

DH.WF211.03	(1) Ceramic Fiber Plate, **"FS1103"** for **3Lit.**
DH.WF211.05	, **"FS1105"** for **4.5Lit.**
DH.WF211.12	, **"FS1112"** for **12Lit.**
DH.WF211.14	, **"FS1114"** for **14Lit.**
DH.WF211.27	, **"FS1127"** for **27Lit.**
DH.WF211.63	, **"FS1163"** for **63Lit.**

Optional Gloves & Power Cable

NA.491041101	(2) Gloves , Heat-resistant, 900℃, Flexible & Long Sleeve, 1Pair

Validation (IQ, OQ) Service

DH.WF311.P03	Validation Service(IQ, OQ), **"FPV1103"**, for **"FPX-03"**
DH.WF311.P05	, **"FPV1105"**, for **"FPX-05"**
DH.WF311.P12	, **"FPV1112"**, for **"FPX-12"**
DH.WF311.P14	, **"FPV1114"**, for **"FPX-14"**
DH.WF311.P27	, **"FPV1127"**, for **"FPX-27"**
DH.WF311.P63	, **"FPV1163"**, for **"FPX-63"**