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Articles

DAIHAN-brand® 1,000 °C Digital Muffle Furnaces, "FX", Exposed Heating Elements-type, with Certi. & Traceability NEW with Digital PID Control, Short Heat-up Time, Ceramic Fiber, 4-Side Heating, with Ceramic Fiber Plate, 3~63 Lit.

- with Certificate & Traceability :
Controlled by Serial Number, Certificate, Delivery-information, and Traceable Data Base System
- Patented Jog-Dial Control System and Digital LCD with Back-Light Function
- CE Certified ■ PL(Product Liability) Insurance

* 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

Specification

Capacity & Model and Temp. Range	3 Lit. "FX-03"	4.5 Lit. "FX-05"	12 Lit. "FX-12"	14 Lit. "FX-14"	27 Lit. "FX-27"	63 Lit. "FX-63"			
	300 °C ~ 1000 °C								
Heater	Kanthal A1, Expose 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			
Timer & Alarm	99hr 59min (Delay & Continuous run), Error status & Timer-end								
Display	Digital LCD with Back- Light Function								
Controller	Digital PID Controller with Jog-Dial Switch (Turn+Push)								
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.

Ordering Information

- DH.WF21.03 Furnace, 1Phase, 230V, 3 Lit., "FX-03"
 DH.WF21.05 , 4.5 Lit., "FX-05"
 DH.WF21.12 , 12 Lit., "FX-12"
 DH.WF21.14 , 14 Lit., "FX-14"
 DH.WF21.27 , 27 Lit., "FX-27"
 DH.WF21.63 , 63 Lit., "FX-63"
 DH.WF20.03 Furnace, 1Phase, 120V, 3 Lit., "FX-03"
 DH.WF20.05 , 4.5 Lit., "FX-05"
 DH.WF20.12 , 12 Lit., "FX-12"
 DH.WF20.14 , 14 Lit., "FX-14"
 DH.WF20.27 , 27 Lit., "FX-27"
 DH.WF23.12 Furnace, 3Phase, 380V, 12 Lit., "FX-12"
 DH.WF23.14 , 14 Lit., "FX-14"
 DH.WF23.27 , 27 Lit., "FX-27"
 DH.WF23.63 , 63 Lit., "FX-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 °C, Flexible & Long Sleeve, 1Pair

Validation (IQ, OQ) Service

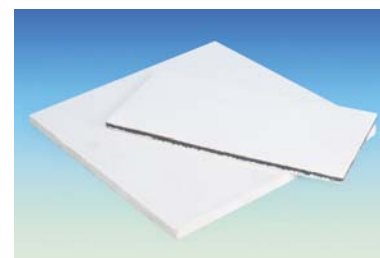
- DH.WF311.03 Validation Service(IQ, OQ), "FV1103", for "FX-03"
 DH.WF311.05 , "FV1105", for "FX-05"
 DH.WF311.12 , "FV1112", for "FX-12"
 DH.WF311.14 , "FV1114", for "FX-14"
 DH.WF311.27 , "FV1127", for "FX-27"
 DH.WF311.63 , "FV1163", for "FX-63"



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



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Gloves