Articles

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witeg[®] I,000°C Programmable Digital Muffle Furnaces, "FP", 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.

■ 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
- * 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. "FP-03"	4.5 Lit. "FP-05"	12 Lit. "FP-12"	14 Lit. "FP-14"	27 Lit. "FP-27"	63 Lit. "FP-63"	
		300°C ~ 1000°C						
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 x d x h)	Internal (cm)	13 x 25 x 9	15 x 30 x 10	20 x 30 x 20	25 x 35 x 16	30 x 30 x 30	40 x 40 x 40	
	External (cm)	39 x 48 x 53	42 x 53 x 55	48 x 55 x 66	53 x 58 x 62	58 x 59 x 76	63 x 71 x 79	
Packing Size (w x d x h) (cm)		62 x 53 x 74	68 x 58 x 76	67 x 62 x 90	72 x 68 x 84	74 x 74 x 105	116 x 90 x 110	
Gross Weight		54 kg	62 kg	82 kg	88 kg	104 kg	225 kg	
Power plug type		Hybrid E+F		5 pole 16A CEE				
Power Supply*		AC 230V, 1N~, 50/60Hz		AC 400V, 3N~,50 / 60Hz				

* Other Specifications are available upon Customer's Request.

Ordering Information

DH.WF311.P63

Ordering infor	mation
DH.WF11.P03	Furnace, 230V, 3 Lit., "FP-03"
DH.WF11.P05	, 4.5 Lit., "FP-05"
DH.WF13.P12	Furnace, 400V, 3N~, 12 Lit., "FP-12"
DH.WF13.P14	, 14 Lit., "FP-14"
DH.WF13.P27	, 27 Lit., "FP-27"
DH.WF13.P63	, 63 Lit., "FP-63"
	Spare Ceramic Fiber Plates
DH.WF211.03	(1) Ceramic Fiber Plate, "FS1103" for "F/FH-03 and "FP/FHP-03"
DH.WF211.05	, "FS1105" for "F/FH-05 and "FP/FHP-05"
DH.WF211.12	, "FS1112" for "F/FH-12 and "FP/FHP-12"
DH.WF211.14	, "FS1114" for "F/FH-14 and "FP/FHP-14"
DH.WF211.27	, "FS1127" for "F/FH-27 and "FP/FHP-27"
DH.WF211.63	, "FS1163" for "F/FH-63 and "FP/FHP-63"
	Optional Gloves & Power Cable
NA.491041101	(2) Gloves , Heat-resistant, 900°C, Flexible & Long Sleeve, 1Pair
	Validation (IQ, OQ) Service
DH.WF311.P03	Validation Service(IQ, OQ), "FPV1103", for "FP-03"
DH.WF311.P05	, " FPV1105" , for " FP-05 "
DH.WF311.P12	, "FPV1112", for "FP-12"
DH.WF311.P14	, "FPV1114", for "FP-14"
DH.WF311.P27	, " FPV1127" , for " FP-27"

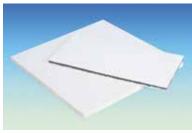
, "FPV1163", for "FP-63"



1000°C Digital Muffle Furnace, Embedded Heating Elements-type "FP-14"



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Gloves

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witeg[®] 1,200°C Programmable Digital Muffle Furnaces, "FHP", 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.

■ 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

- * Resolution : 1°C, 1min
- * Included Ceramic Fiber Plate
- * Safety Switch for Door Opening
- * Ceramic Fiber embedded Heating Wire, 4-Side Heating

Specification

Capacity & Model and Temp. Range		3 Lit. "FHP-03"	4.5 Lit. "FHP-05"	12 Lit. "FHP-12"	14 Lit. "FHP-14"	27 Lit. "FHP-27"	63 Lit. "FHP-63"
		300°C ~ 1200°C					
Heater		Kanthal A1, Embedded 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 x d x h)	Internal (cm)	13 x 25 x 9	15 x 30 x 10	20 x 30 x 20	25 x 35 x 16	30 x 30 x 30	40 x 40 x 40
	External (cm)	39 x 48 x 53	42 x 53 x 55	48 x 55 x 66	53 x 58 x 62	58 x 59 x 76	63 x 71 x 79
Packing Size (w x d x h) (cm)		62 x 53 x 74	68 x 58 x 76	67 x 62 x 90	72 x 68 x 84	74 x 74 x 105	116 x 90 x 110
Gross Weight		54 kg	62 kg	82 kg	88 kg	104 kg	225 kg
Power plug type		Hybrid E+F		5 pole 16A CEE			
Power Supply*		AC 230V, 1N~, 50/60Hz		AC 400V, 3N~,50 / 60Hz			

* Other Specifications are available upon Customer's Request.

Ordering Information

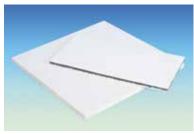
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DH.WFH12.P03 DH.WFH12.P05 DH.WFH13.P12 DH.WFH13.P14 DH.WFH13.P27 DH.WFH13.P63	Furnace, 230V, 3 Lit., "FHP-03" , 4.5 Lit., "FHP-05" Furnace, 400V, 3N~, 12 Lit., "FHP-12" , 14 Lit., "FHP-14" , 27 Lit., "FHP-27" , 63 Lit., "FHP-63"
	Spare Ceramic Fiber Plates
DH.WF211.03 DH.WF211.05 DH.WF211.12 DH.WF211.14 DH.WF211.27 DH.WF211.63	(1) Ceramic Fiber Plate, "FS1103" for "F/FH-03" and "FP/FHP-03" , "FS1105" for "F/FH-05" and "FP/FHP-05" , "FS1112" for "F/FH-12" and "FP/FHP-12" , "FS1114" for "F/FH-14" and "FP/FHP-14" , "FS1127" for "F/FH-27" and "FP/FHP-27" , "FS1163" for "F/FH-63" and "FP/FHP-63"
NA.491041101	<i>Optional Gloves & Power Cable</i> (2) Gloves, Heat-resistant, 900°C, Flexible & Long Sleeve, 1Pair
DH.WFH312.P03 DH.WFH312.P05 DH.WFH312.P12 DH.WFH312.P14 DH.WFH312.P27 DH.WFH312.P27	Validation (IQ, OQ) Service Validation Service(IQ, OQ), "FHPV1203", for "FHP-03" , "FHPV1205", for "FHP-05" , "FHPV1212", for "FHP-12" , "FHPV1214", for "FHP-14" , "FHPV1227", for "FHP-27"
DH.WFH312.P63	, "FHPV1263", for "FHP-63"



1200°C Digital Muffle Furnace, Embedded Heating Elements-type "FHP-14"



Inner Chamber of Exposed Heating Elements-type



(1) Ceramic Fiber Plate (Included)



(2) Heat-resistant Gloves