

witeg® I, 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

DH.WFH12.P03 Furnace, 230V, 3 Lit., "FHP-03"

DH.WFH12.P05 , 4.5 Lit., "FHP-05"

DH.WFH13.P12 Furnace, 400V, 3N~, 12 Lit., "FHP-12"

DH.WFH13.P14 , 14 Lit., "FHP-14"

DH.WFH13.P27 , 27 Lit., "FHP-27"

DH.WFH13.P63 , 63 Lit., "FHP-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.WFH312.P03 Validation Service(IQ, OQ), "FHPV1203", for "FHP-03"

DH.WFH312.P05 , "FHPV1205", for "FHP-05"

DH.WFH312.P12 , "FHPV1212", for "FHP-12"

DH.WFH312.P14 , "FHPV1214", for "FHP-14"

DH.WFH312.P27 , "FHPV1227", for "FHP-27"

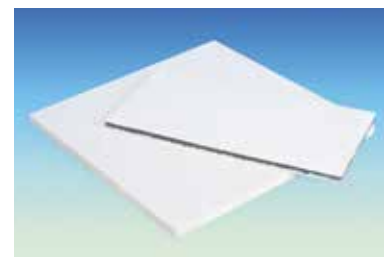
DH.WFH312.P63 , "FHPV1263", for "FHP-63"



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