

Oven | muffle furnace

up to 1,200°C, Jog-Dial controller, 3 / 4.5 / 12 / 14 / 27 / 63 l, programmable

FHP 1,200°C, programmable

Ideal for:

- ash-determinations, enameling, fusions, precipitate drying

Features:

- user's self-compensation function for temperature ($\pm 50.0^\circ\text{C}$)
- resolution: 1°C , 1 min
- ceramic fiber plate included
- powder-coated steel body, ceramic fiber insulation, ceramic fiber exposed heating wire interior with 4-sided heating
- backlight LCD display
- CE certified and unique serial number for tracing



Jog-Dial controller



4-sided heating

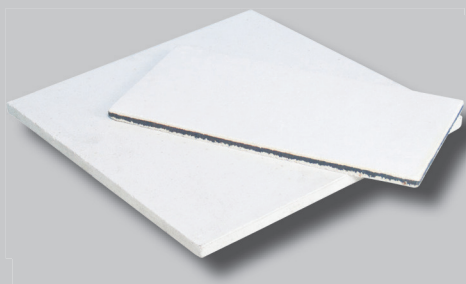
up to 1,200 °C
Jog-Dial
programmable

Safety mechanism:

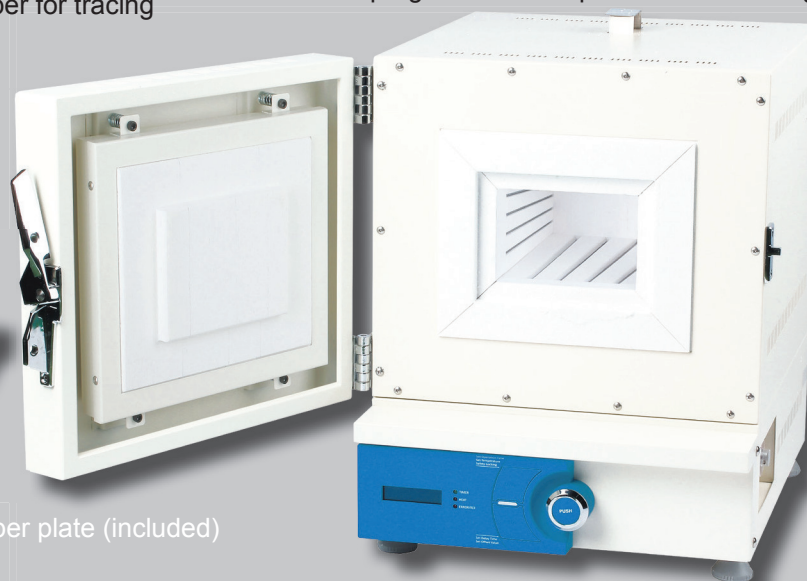
- safety switch for door opening
- overheat and over-current protection
- sensor error detection

Controller:

- **Jog-Dial controller (PID)** with 2-way knob (turn and push), digital LCD with backlight, and two durable setting buttons
- programmable: 4 patterns with 10 segments



FHP-14 with ceramic fiber plate (included)



Model	FHP-03	FHP-05	FHP-12	FHP-14	FHP-27	FHP-63
Capacity	3 l	4.5 l	12 l	14 l	27 l	63 l
Temperature range	300°C - 1200°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 reach 800°C	16 min		20 min		23 min	
Timer & alarm	99hr 59 min (delay & continuous run), error status and timer end					
Internal dimensions (W x D x H mm)	130x250x90	150x300x100	200x300x200	250x350x160	300x300x300	400x400x400
External dimensions (W x D x H mm)	410x480x530	440x530x550	500x550x660	550x580x620	600x590x760	1000x730x920
Packing size (W x D x H mm) & gross weight	630x540x770 47 kg	680x570x780 54 kg	700x630x890 59 kg	740x680x850 73 kg	740x730x990 83 kg	1160x900x1100 225 kg
Power supply	1 Phase AC 120V, 60 Hz or 1 Phase AC 230V, 50/60 Hz		1 Phase AC 120V, 60 Hz or 1 Phase AC 230V, 50/60 Hz or 3 Phase AC 400V, 50/60 Hz			
Order number 230V	DH.WFH22.P03	DH.WFH22.P05	DH.WFH22.P12*	DH.WFH22.P14*	DH.WFH22.P27*	DH.WFH22.P63*
Order number 120V	DH.WFH20.P03	DH.WFH20.P05	DH.WFH20.P12*	DH.WFH20.P14*	DH.WFH20.P27*	DH.WFH20.P63*
Order number 3 Phase	-	-	DH.WFH23.P12	DH.WFH23.P14	DH.WFH23.P27	DH.WFH23.P63

* models not available in Europe

Accessories: Suitable spare fiber plates can be found on page 86
Suitable crucibles can be found on page 244