Oven | muffle furnace

up to 1,000°C, Jog-Dial controller, 3 / 4.5 / 12 / 14 / 27 / 63 l, programmable

SERFLAM
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FP 1,000°C, programmable


Jog-Dial controller


4-sided heating

up to 1,000 °C
Jog-Dial
programmable

Ideal for:

- ash-determinations, enameling, fusions, precipitate drying

Features:

- user's self-compensation function for temperature (±50.0°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

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


FP-14 with ceramic fiber plate (included)

Model	FP-03	FP-05	FP-12	FP-14	FP-27	FP-63
Capacity	3 l	4.5 l	12 l	14 l	27 l	63 l
Temperature range	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 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.WF21.P03	DH.WF21.P05	DH.WF21.P12*	DH.WF21.P14*	DH.WF21.P27*	DH.WF21.P63*
Order number 120V	DH.WF20.P03	DH.WF20.P05	DH.WF20.P12*	DH.WF20.P14*	DH.WF20.P27*	DH.WF20.P63*
Order number 3 Phase	-	-	DH.WF23.P12	DH.WF23.P14	DH.WF23.P27	DH.WF23.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

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