

NEW

Oven | muffle furnace

600°C - 1,650°C, PID controller, 1.9 / 4.5 / 11 l, programmable



up to 1,650°C
PID controller
programmable

FSK 1,650°C, programmable

Ideal for:

- ash-determinations, enameling, fusions, precipitate drying

Features:

- ceramic fiber exposed heating wire
- 2-sided heating
- without ceramic fiber plate (please order separately)
- high quality insulation: ceramic fiber board
- LCD display
- CE certified and unique serial number for tracing

Safety mechanism:

- safety switch for door opening (only FSK-2)
- overheat and over-current protection
- sensor error detection

Controller:

- **digital PID controller**, UP35A, SCR-power controller with push button
- programmable: 2 patterns with 10 segments



Model	FSK-2	FSK-5	FSK-11
Capacity	1.9 l	4.5 l	11 l
Temperature range	600°C - 1,650°C		
Heater	made from molybdenum disilicide (MoSi ₂), 2-sided heating		
Thermocouple	B-thermocouple		
Heating power	1.3 kW	2.9 kW	6.6 kW
Required time to reach 800°C	40 min		
Timer & alarm	99 hr 59 min or continuous run		
Program function	2 patterns with 10 segments		
Safety mechanism	overheat and over-current protection sensor error detection safety switch for door opening	overheat and over-current protection, sensor error detection	
Material	ceramic fiber board with SIC-heater internal, powder-coated steel (external), ceramic fiber insulation		
Internal dimensions (W x D x H mm)	120 x 130 x 120 mm	150 x 200 x 150 mm	200 x 270 x 200 mm
External dimensions (W x D x H mm)	440 x 482 x 700 mm	900 x 600 x 695 mm	980 x 670 x 765 mm
Packing size (W x D x H mm) & gross weight	680 x 540 x 940 mm, 72 kg	1430 x 640 x 930 mm, 150 kg	1510 x 810 x 1000 mm, 186 kg
Power supply	Phase AC 120V, 60 Hz or AC 230V, 50/60 Hz, without cord and plug		
Order number 230V	DH.FSK02002	DH.FSK02005	DH.FSK02011
Order number 120V	DH.FSK01002	DH.FSK01005	DH.FSK01011

Heat-resistant gloves

- long and flexible sleeve

Heat resistance	Order number
up to 700°C	NA.491041101