

## Chamber furnaces up to 1500 °C – MF X / 15



MF 3 / 15



MF 5 / 15

The MF X / 15 chamber furnaces are built with silicon carbide SiC rod shaped elements placed across the roof, and beneath the hearth. In this design the elements are exposed to the furnace atmosphere.

The instrumentation is built into a control cabinet, which is placed immediately below the furnace. As standard we equip the furnace with Eurotherm 2116CC. This controller has a single setpoint with ramp function. There is a range of programmers to choose from if 2116 would not fit in your demands. As option for temperature failure we could equipped the furnace with Eurotherm 2132 with separate thermocouple to secure the chamber and elements from damages. The controllers can also have communication to a PC where you can set and monitor the temperature profiles.

### TECHNICAL DATA – MF X / 15 Chamber Furnace

<b>Max. temperature:</b>	1500 °C
<b>Max. working temperature:</b>	1450 °C
<b>Elements:</b>	Silicon-carbide rod elements
<b>Connection:</b>	1 x 230 V, 50 Hz AC or optional
<b>Controller:</b>	Eurotherm 2116 PID, or optional
<b>Thermocouple:</b>	Type S (Pt / Pt 10%Rh)

Type	Chamber, H x W x D	Volume	H	W	D	Power
MF 1 / 15	125 x 125 x 150 mm	2,3 ltrs	770 mm	450 mm	540 mm	2500 VA
MF 2 / 15	150 x 150 x 200 mm	4,5 ltrs	870 mm	530 mm	660 mm	3500 VA
MF 3 / 15	150 x 150 x 300 mm	6,8 ltrs	870 mm	530 mm	660 mm	4800 VA
MF 4 / 15	200 x 200 x 350 mm	14,0 ltrs	925 mm	580 mm	660 mm	6700 VA
MF 5 / 15	230 x 230 x 460 mm	24,4 ltrs	1200 mm	650 mm	880 mm	8500 VA

**HIGH TEMPERATURE FURNACES** made up to specification. Operating up to 2000 °C in oxidizing atmospheres.