

Chamber furnaces up to 1700 °C – ECF X / 17



The furnace is equipped with KANTHAL SUPER 1800 Molybdenum disilicide elements. These elements offer fast heat-up rates and are able to operate up to 1800 °C without change in electric resistance due to ageing.

The instrumentation is built into a separate control cabinet. As standard we equip the cabinet with Eurotherm 2408 P4. This programmer has four programs with 16 step each. A range of other programmers or recorder solutions to choose from as options is also available. The programmer can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA – ECF X / 17 High Temperature Chamber Furnace

Max. temperature:	1700 °C
Max. working temperature:	1700 °C
Elements:	Kanthal Super 1800 (MoSi ₂)
Connection:	400 V, 50 Hz AC, or optional
Controller:	Eurotherm 2408 P4, or optional
Thermocouple:	B (Pt 6% Rh / Pt 30% Rh)

Type	Chamber, H x W x D	Volume	H	W	D	Power
ECF 20 / 17	250 x 250 x 350 mm	22 ltrs	1430 mm	700 mm	850 mm	10,0 kVA
ECF 40 / 17	250 x 290 x 520 mm	37 ltrs	1430 mm	750 mm	1000 mm	14,0 kVA
ECF 60 / 17	330 x 330 x 600 mm	65 ltrs	1620 mm	840 mm	1130 mm	3x7,5 kVA

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