Horizontal Split tube furnaces up to 1100 °C – ESTF XX / 11 – X

ESTF 50 / 11

Power Cabinet

The ESTF/11 tube furnaces are built with fibreimbedded KANTHAL A1 wire as half cylinder elements. There is a number of standard modules and most of these are possible to get custom made. These halfcylinder set the dimensions for the furnace. If you need a temperature gradient or avoid it, it is possible to divide the chamber into separate hot zones. The furnaces are delivered with a bracket for wall mounting.

The instrumentation is built into a separate control cabinet. As standard we equip the cabinet with Eurotherm 2116. This is a single set point controller but there is a range of programmable controllers to choose between if 2116 would not fit in your demands. You will need one controller to every zone the furnace is built with. You can choose between master/slave communication or independent programming (Not available for 2116). The programmer can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA – ESTF XX / 11 - X

Horizontal Split Tube Furnace

Max. temperature:	1100 °C
Max. working temperature:	1100 °C
Elements:	Fibreimbedded KANTHAL A1
Connection:	1-3 x 230 V, 50 Hz AC
Controller:	1-3 Eurotherm 2408 P4, or optional
Thermocouple:	N or S

(Example of 1100 °C furnaces)

One Zone	Tube dia.	Hot zone	H	W	D	Power
ESTF 40/11	20 - 40 mm	360 mm	490 mm	540 mm	505 mm	1600 W
ESTF 80/11	40 - 80 mm	360 mm	490 mm	540 mm	505 mm	1900 W
ESTF 100/11	40 – 100 mm	600 mm	490 mm	770 mm	505 mm	4600 W

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

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