

Vertical tube furnaces up to 1700 °C – VTF XX / 17



VTF 50 / 17 with separate stand as option



Power Cabinet



Transformer

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 1700 °C without change in electric resistance due to ageing. The furnaces could delivered with a separate stand as picture above show.

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. There is a range of other programmers to choose from if 2408 would not fit in your demands. The programmer can also have communication to a PC where you can set and monitor the temperature profiles.

TECHNICAL DATA – VTF XX / 17

Vertical Tube Furnace

Max. temperature:	1750 °C
Max. working temperature:	1700 °C
Elements:	KANTHAL SUPER 1800 Molybdenum disilicide
Connection:	400 V, 50 Hz AC
Controller:	Eurotherm 2408 P4, or optional
Thermocouple:	B (Pt 6 % Rh / Pt 30% Rh)

(Example of 1700 °C furnaces)

One Zone	Inside dia.	Hot zone	H	W	D	Power
VTF 30-50	Max 50 mm	260 mm	600 mm	450 mm	450 mm	5500 VA
VTF 50-70	Max 70 mm	400 mm	750 mm	500 mm	500 mm	8000 VA

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