

HIGH TEMPERATURE MUFFLE FURNACE



Product Overview

1800°C High temperature muffle furnace is the highest design temperature of the box-type furnace type, which can meet the multi-process needs of customers. The temperature control accuracy is $\pm 1^\circ\text{C}$. The double-layer insulation material has a high insulation effect. The 50-segment intelligent PID instrument is optional. It has automatic temperature control and is suitable for new applications. Experimental research in materials development, special materials, building materials and other fields.



Product Features

Max temperature RT \sim 1800°C

1800 Type Mosi2 heating element, heating on both sides

50 segments programmable with PID control

Integrated dual-circuit protection, over-temperature and burnout protection

MODEL	DS-HT2-2-18TP	DS-HT2-4-18TP	DS-HT2-9-18TP	DS-HT2-16-18TP
Internal Dimensions: (DxWxH) (mm)	100*100*100	200*150*150	300*200*200	400*300*300
External Dimensions DxWxH (mm)	425*320*568	570*470*815	670*530*906.2	770*620*1055A
Max. Temperature (°C)	1800	1800	1800	1800
Working Temperature (°C)	0-1700			
Volume (Litres)	1	4.5	12	36
Power (KW)	2	4	9	16
Voltage (v)	220 1P	220 1P	380 2P	380 2P
Thermocouple Type	B			
Heating Element	Mosi2 heating element			
Temperature Precision	$\pm 1^\circ\text{C}$			
Heating Rate	0-10°C/min free adjustment			
Chamber Material	Using advanced high-quality alumina microcrystalline fiber material			
Furnace Structure	Double-layer air-cooled structure, surface temperature is less than 60°C			