



# **DARSUN SCIENTIFIC**

## HIGH TEMPERATURE MUFFLE FURNACE

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

**DARSUN**  
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PRECISE | RELIABLE | ACCURATE



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