

Spark Plasma Sintering Furnace Sps Furnace

Item Number: KTSP



Introduction

Discover the benefits of Spark Plasma Sintering Furnaces for rapid, low-temperature material preparation. Uniform heating, low cost & eco-friendly.

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Configuration	<ul style="list-style-type: none"> Stainless Steel Chamber - Suitable for Controlled Inert Gas or Vacuum Condition Sintering Press Unit Sintering DC Pulse Generator Vacuum Unit Sintering Control Unit
Temperature controller	<ul style="list-style-type: none"> Precision Eurotherm temperature controller is built in Overshooting temperature is less than 5°C at the fastest heating rate Temperature accuracy :
Hydraulic Press	<ul style="list-style-type: none"> Manual operated hydraulic press to apply pressure. Max pressure: 20 T Digital Pressure gauge is built in with over-pressure alarm.
Vacuum Chamber	<ul style="list-style-type: none"> Vertical vacuum Chamber Inner Double Layers Stainless Steel Reflectors Rotary Pump included
Dimension	<ul style="list-style-type: none"> Power Supply :760 L X 460 W X 1820 H, mm Furnace: 970 L X 720 W X 1400 H, mm

Model	KTSP-10T-5	KTSP-20T-6	KTSP-20T-10	KTSP-50T-30
Rated power	50Kw	60Kw	100Kw	300Kw
Output current	0-5000A	0-6000A	0-10000A	0-30000A
Input voltage	0-10V	0-10V	0-10V	0-10V
Rated temperature	2300°C			
Rated pressure	100KN	200KN	200KN	500KN
Sample size	Ø30mm	Ø50mm	Ø100mm	Ø200mm
Ram stroke	100mm	100mm	100mm	200mm
Ultimate vacuum	1Pa			