

# Zirconia Sintering Furnace

(ZS 16/05)



## TECHNICAL FUNCTION

**Advanced Touch-Screen HMI:** Features an intuitive, user-friendly interface with the capability to store and manage multiple temperature profiles for enhanced operational efficiency.

**Integrated Safety Fuses:** Equipped with both input and output fuses to ensure safe and reliable performance throughout thermal processing.

**Premium Insulation:** Utilizes high-grade imported insulation materials for superior thermal efficiency and energy conservation.

**Precision Lift Mechanism:** Includes a lift monitor with adjustable speed control, allowing for precise lift positioning.  
**Customizable Lift Positions:** Offers flexible lift positions for optimal pre-drying and controlled cooling processes.

**High-Performance Heating Elements:** Incorporates premium Molybdenum disilicide heating elements, renowned for their durability and high-temperature stability.

**Enhanced Cooling System:** Features a double-wall stainless steel construction with integrated fans between the casings for rapid and efficient cooling.

**Robust Stainless Steel Build:** Constructed with high-quality stainless steel to ensure long-term durability and resistance to wear.

**Advanced Furnace Design:** Our double-wall stainless steel furnace ensures superior safety by reducing exterior temperatures, enhances energy efficiency through improved thermal retention, and offers unmatched durability and aesthetic appeal, making it an ideal choice for any setting.

Length	Width	Height	Weight	Casing	Diameter of firing chamber	Height of firing chamber	Firing Temperature	Power Supply	Power Consumption	Display
500 mm	500 mm	400 mm	30 kg	Stainless Steel	100 mm	80 mm	1600 C	230 - Volt AC Single Phase	2 KW	7 Inch