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Product Brochure



SINTERING SERIES

T-Bright Plus Sintering Furnace

TC-BPSF

Upgraded zirconia sintering furnace with precise one-button startup, rapid sintering. Fires up to 150 teeth in 3 trays. Features a Japanese imported chamber for zero contamination, perfect for dental labs.

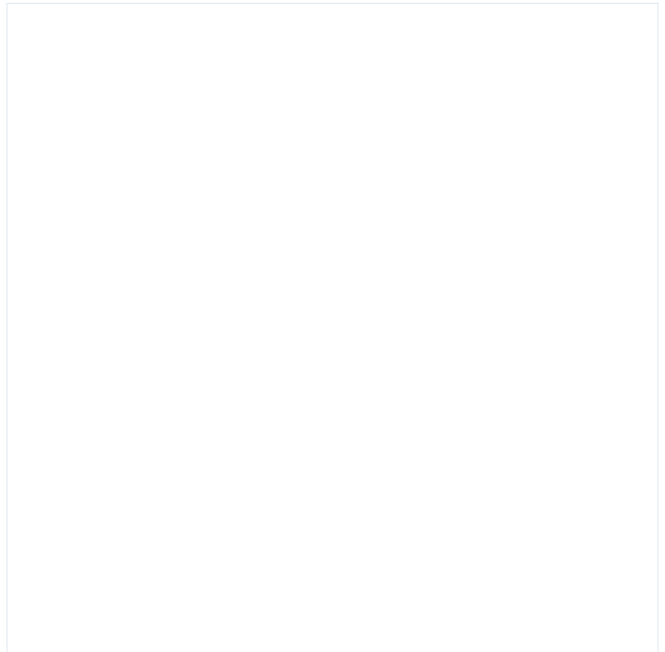
<https://www.planetaryballmills.com/products/sintering-series/t-bright-plus-sintering-furnace.html>



Product Overview

Upgraded zirconia sintering furnace with precise one-button startup, rapid sintering. Fires up to 150 teeth in 3 trays. Features a Japanese imported chamber for zero contamination, perfect for dental labs.





Product Introduction

Tianchuang Plus zirconia sintering furnace is an upgraded model of ordinary Tianchuang sintering furnace. It has the characteristics of precise temperature control, one-button start and fast sintering.; Up to 150 teeth can be sintered at the same time, and 3 layers of crucibles can be placed ; And it uses a furnace imported from Japan, which is pure and zero pollution.

Tianchuang PLUS sintering furnace is a heat treatment equipment specially used for sintering dental ceramics. This furnace has a specific structure and control system to sinter dental ceramics under specific temperature and atmosphere conditions to ensure that it has the required hardness, wear resistance and aesthetics. Dental sintering furnaces usually have precise temperature control and atmosphere management functions to meet the requirements of the dental ceramic sintering process.

Technical parameters

Furnace size	100*100mm (diameter*height)
maximum temperature	1700°C (not more than 2 hours)
working temperature	1600°C
Control system	One-click start, fully automatic pollution-free guarantee, crown pre-baking design, circulating air intake, imported heating rod, completely solve the pollution problem
built-in programs	7 preset programs (normal, long bridge, half mouth, quick burn, TT veneer, UT veneer, clean)
Furnace material	Furnace imported from Japan, super long service life
Fast sintering	90 minutes (80 units per crown)
Conventional sintering	150 units, 3-layer sintering tray
Thermocouple	Type B
Temperature control accuracy	+/-1 °C
Rated power	2kW (one ordinary sintering only requires 8 kilowatt hours)
net weight	90kgs
Overall dimensions	480X635X840MM

Accessories & Customization

Accessories

Grinding jars, heating elements, sample holders, control modules and other matching accessories can be selected according to the product configuration.

Customization

For voltage, capacity, chamber size, process temperature or application requirements, please contact TENCAN for a suitable configuration.