

Technical Parameters

Width*Depth*Height	310*360*610cm	Weight	28kg
Firing Chamber Size	Φ86*50mm	Sensor Type	S-Type Thermocouple
Protection 1	3A	Protection 2	10A
Heating Element Type	Resistance Wire	Maximum Vacuum	≤-96kpa
Power Supply	220V/50Hz	Rated Power	1.5KW
Maximum Withstand Temperature	1200°C	Heating Rate	≤120°C/min
Monitor	4.3-inch True Color Touch Screen	Internet Connectivity	✓
Smart Temperature Control	✓	IoT Cloud Platform	✓
Mobile Control	✓	Speakers	✓
Individual Program	>100(Expandable)	Firing Types	Standard &Two-stage Heating
Applications	Glass ceramic crystalization, glazing,staining and porcelain layering.		

About Besmile

Besmile is a global digital solutions provider for restorative and implant dentistry.

We offer integrated systems–premium CAD/CAM materials, advanced equipment, and precision implantsystems–desianed to streamline workflows and ensure reliable results.

All core products are developed and manufactured in-house, ensuring consistent quality and continuous innovation.

Trusted by over 1,000 partners in more than 100 countries, we empower dental professionals to create confident,lastng smiles.

Technology creates the best smile.



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Porcelain Furnace

BSM-PF10



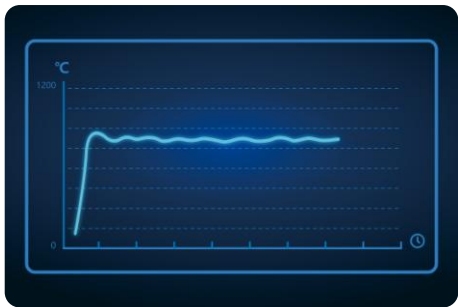
Porcelain Furnace

BSM-PF10

The BSM-PF10 is a dental porcelain furnace that combines efficiency, reliability, and intelligent design. Equipped with advanced PID temperature control, premium components, and a range of smart features, it delivers flawless results with ease.

Applications: Glass ceramic crystallization, staining, and glazing.

Key Features



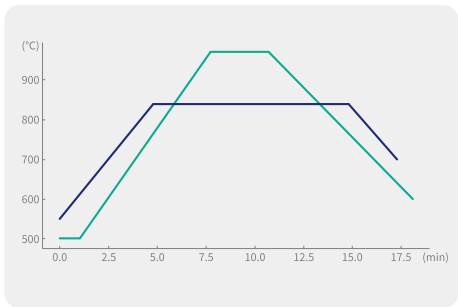
±1°C Precision Control

- PID intelligent temperature system with accuracy up to ±1°C



120°C/min Fast Sintering

- Premium heating elements ensure rapid heating up to 120°C/min with consistent firing results



Versatile Sintering Programs

- 100+ customizable programs with expansion support
- Built-in curves for porcelain build-up, staining & glazing, and glass ceramic crystallization
- Two-stage heating mode designed for glass ceramic crystallization



IoT Cloud Platform



- Remote control via PC and mobile devices
- Unattended operation for higher efficiency
- Remote notifications and online upgrades

User-Friendly



- True-color touchscreen with intuitive interface
- Dual side trays for safe and convenient use

Vacuum Firing

- Adjustable vacuum values for easier porcelain application
- High-power vacuum pump with strong performance, maintenance-free operation, and low noise