

Technical Parameters

Dimension(W*D*H)	400mm*590mm*870mm	Weight	85Kg
Chamber Size	φ110*90mm	Application Scope	High Precision Type B Thermocouple
Number of Trays	2	Sintering Tray Size	φ105mm*40mm
Heating Element Type	Upgraded Silicon Molybdenum	Number of Heating Element	4
Power Supply	220V/50Hz	Rated Power	3KW
Maximum Withstand Temperature	1700°	Working Temperature	≤1600°C
Control Method	7" True Color Touch Screen Operation	Maximum Number of Program Setting	100
Application Scope	Zirconia Sintering	Heating Type	Standard/Fast Sintering

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 implant systems—designed to streamline workflows and ensure reliable results.

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

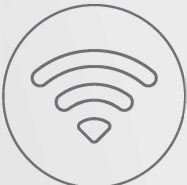
Trusted by over 1,000 partners in more than 100 countries, we empower dental professionals to create confident, lasting smiles.

Technology creates the best smile.



Zirconia Sintering Furnace

BSM-FM30



Remote Control



Large Capacity



Fast Sintering



www.aristondental.com

Zirconia Sintering Furnace

BSM-FM30

Zirconia fast sintering furnace with high-capacity chamber and tray for diverse zirconia sintering needs.

Large Capacity

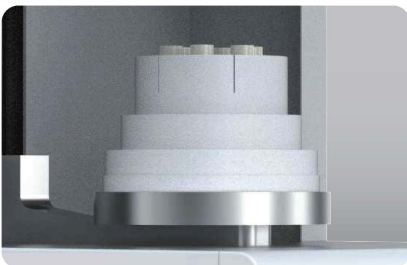
Remote Control

Fast Sintering

CAD/CAM Digital Processing

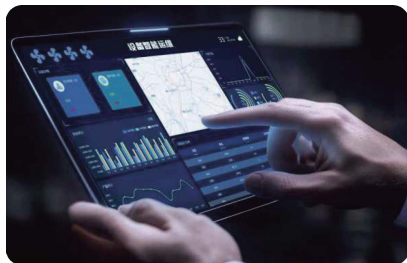


Key Features



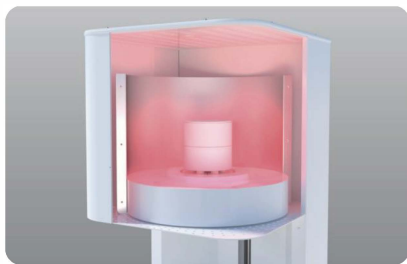
80-Unit Large Capacity

- The dual-layer crucible design allows simultaneous sintering of multiple restorations, accommodating ≥80 zirconia units per cycle to maximize production efficiency.



IoT Cloud Platform-Computer /Mobile Devices Supported

- Supports remote monitoring and operation via computer or mobile devices, enabling online and remote management.



Fast Sintering

- Circular-shaped heating design ensures rapid heating while avoiding thermal stress and cracking.

BSM-FM30



Pollution-Free

- Equipped with high-purity silicon molybdenum heating elements and reinforced chamber design, guaranteeing an environmentally friendly sintering process.

Precise Temperature Control

- The furnace features a circumferential heating element arrangement, securing superior thermal uniformity during high-temperature operations, paired with PID intelligent temperature control.

User-Friendly Operation

- True color touchscreen enables intuitive, one-click operation for a seamless and efficient experience.
- With storage for up to 100 sintering programs, easily meets diverse dental sintering requirements.

Attachments



Sintering tray



Upgraded silicon molybdenum



High-purity zirconia beads