

Multi-Material Compatibility

Smart Slicing Software

Multi-language UI, open material parameters, one-click nesting, one-click support – intelligent automation built in.

Wide Material Support

Model resin, surgical guide resin, temporary crown, gingiva resin, and more.



Printing Speed

- **10 diagnostic models:**
~50 min (avg. **5 min/model**)



- **10 surgical guides:**
~20 min (avg. **2 min/guide**)



- **40 temporary single crowns:**
~20 min (avg. **0.5 min/crown**)



Print Specifications

Forming Technology	LCD light-curing technology
Wavelength	405 nm
Build Volume	192 x 120 x 110 mm
Z-axis Positioning Accuracy	2 µm
XY Resolution	3840 x 2400
Printing Accuracy	±38 µm
Layer Thickness	0.025 / 0.05 / 0.1 mm
Printing Speed	55 mm/h (max)
Printable Materials	Dental models, implant surgical guides, temporary crowns, gingiva resin, etc.

Software	CHITUBOX Pro
Supported Formats	.STL, .OBJ
Transmission Mode	USB, Wi-Fi
Weight	26 kg
Device Size	380 x 350 x 680 mm
Power Supply	220V / 350W

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.



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Contact Us



Make Precision Easier

LP2000 Dental 3D Printer



LP2000 Dental 3D Printer

BSM-LP2000 is a high-precision LCD 3D printer designed for modern clinics and labs.

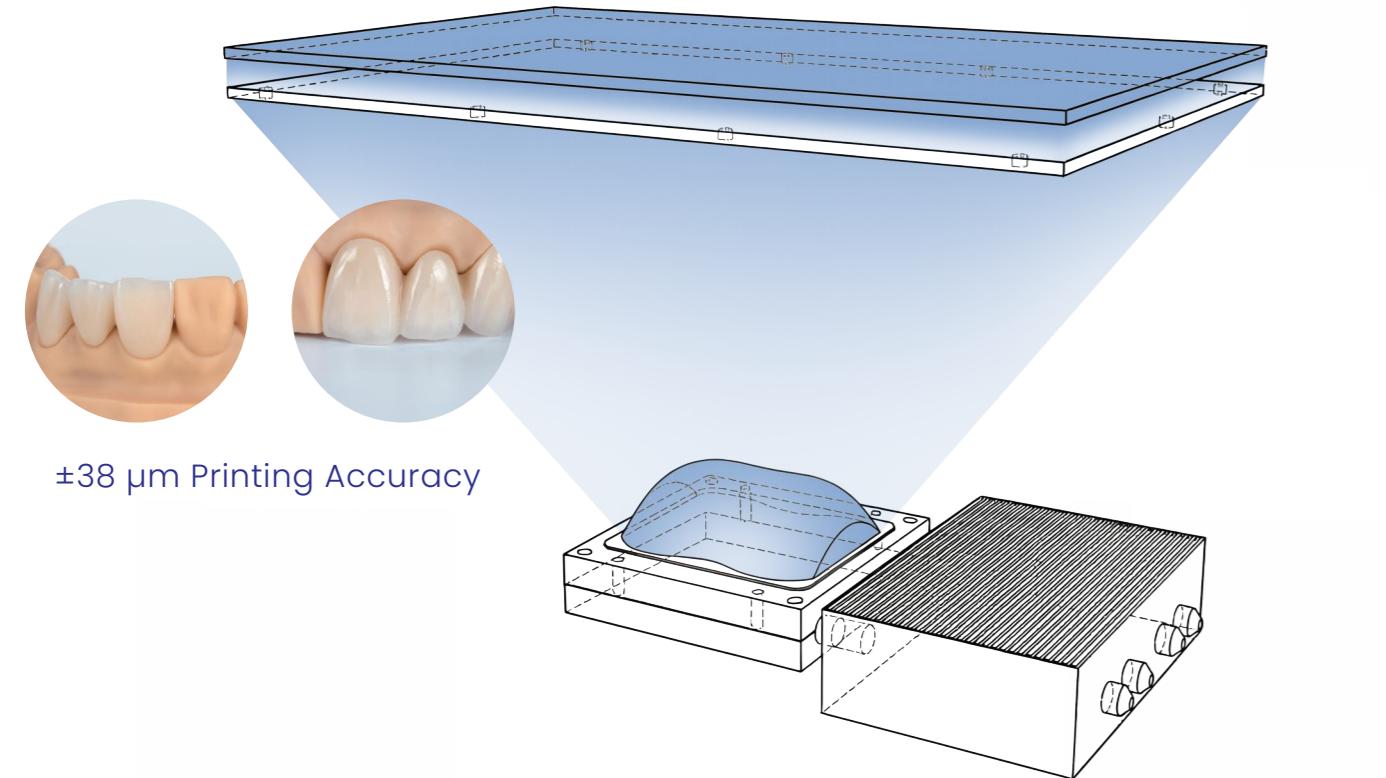
With an upgraded printing module and seamless integration with our semi-automatic de-supporting unit, it delivers faster, smoother post-processing.

For chairside use, it is also equipped with a dedicated mini module that streamlines the creation of temporary crowns.

Perfect for implantology, orthodontics, prosthetics, and esthetic cases — LP2000 brings reliable, high-speed digital printing to your workflow.

Dental-Focused Optical Engineering

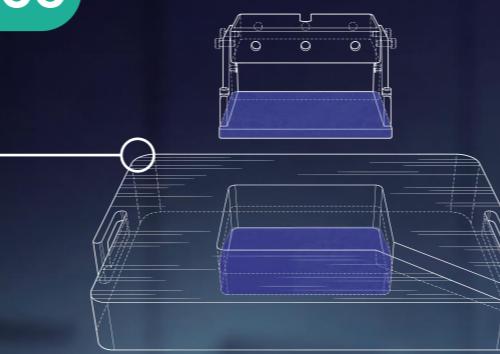
Powered by a COB collimated light source and our proprietary optical control system, the printer delivers a highly uniform and stable illumination field. This engineered optical platform enhances dimensional accuracy, edge clarity, and long-term repeatability — meeting the demanding precision required in dental production.



Crafted for Excellence

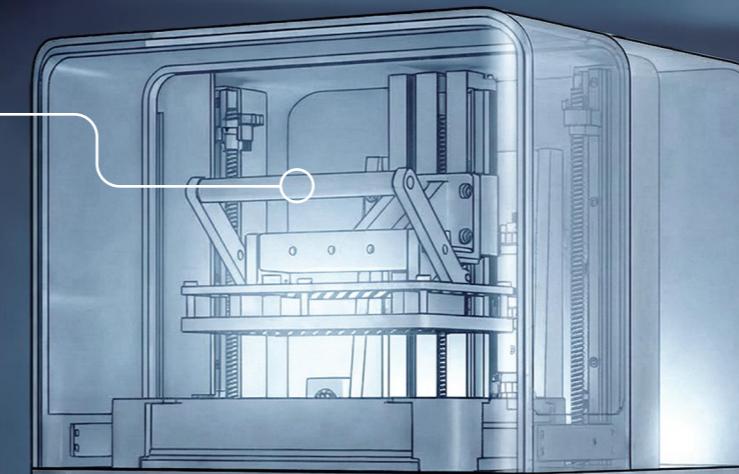
Mini Printing Kit for Temporary Crowns

- Print premium temporary restorations anytime, on demand.



Part Removal Assistant

- Makes part removal effortless.



Bundled Post-Curing Unit

- A professional curing unit comes standard for a complete, streamlined print-to-cure workflow.



Advanced Dust-Proof Optical Design

- Engineered for durability with special design—enabling uninterrupted, contamination-free printing.

Transparent Window

- Real-time visibility for monitoring print progress.

Automatic Lift Door & Futuristic Exterior

- Smooth, convenient operation with an elevated user experience.

P-Grade Precision Motion

- ±2 µm repeat positioning accuracy.

Temperature-Controlled Printing Chamber

- Prevents material deformation for consistently stable results.

Quick-Release Resin Vat

- Swap release film in 30 seconds* and simplify maintenance.