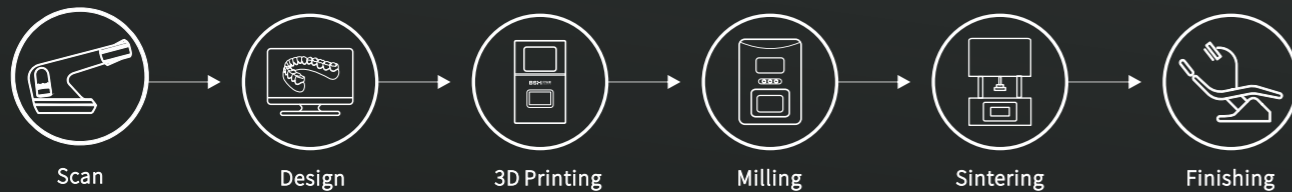
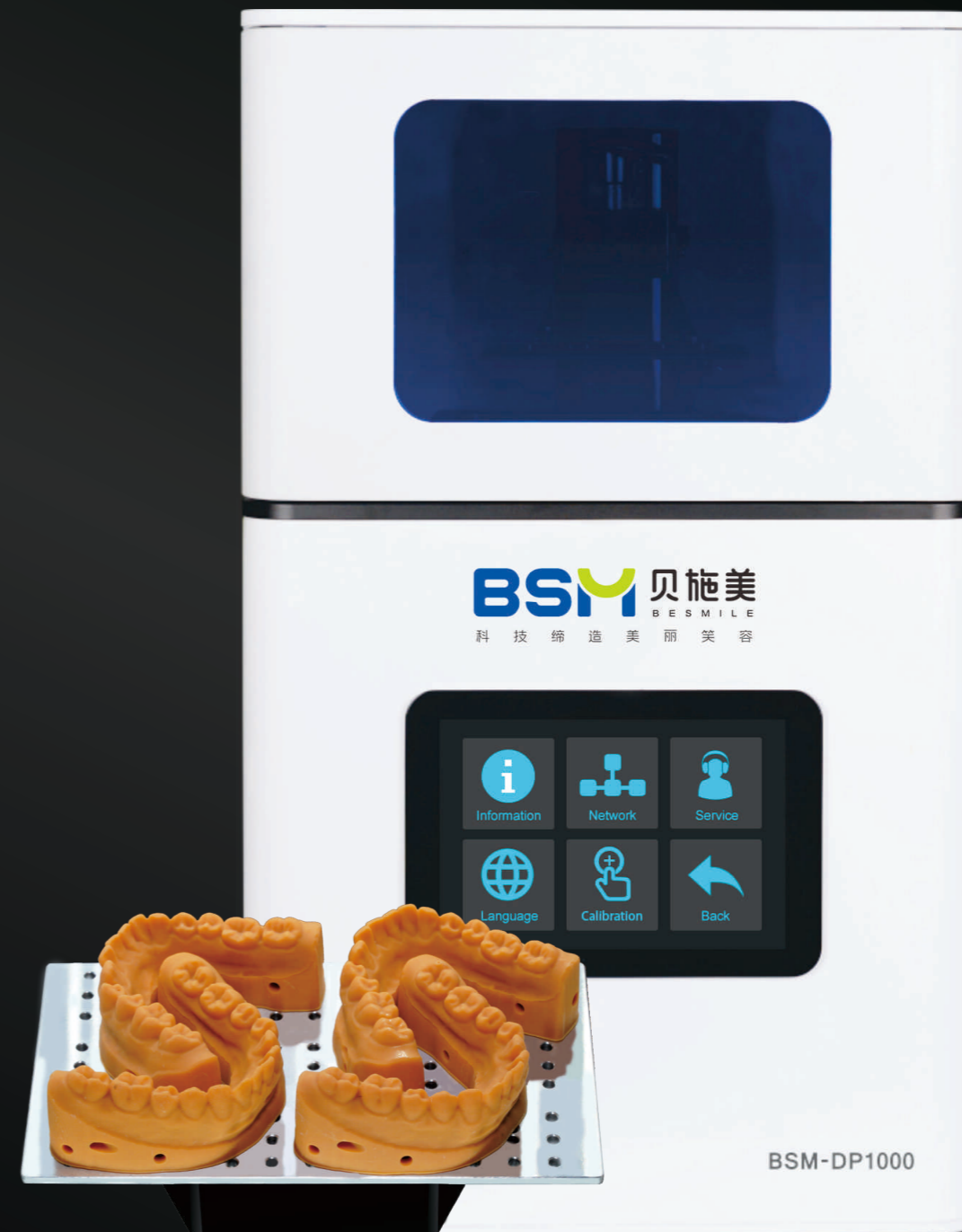


BSM Dental CAD/CAM Solutions



Technical Data

3D Printing Technology	DLP	Printer Dimensions	L380*W350*H620mm
Build Volume	L144*W81*H80mm	Weight	30kg
Resolution	1920*1080 pixel	Voltage/Power	220V/200W
Resin Curing Unit	Texas Instruments DLP chip 405 nm LED light source	User Controls	7in touch screen
Module Accuracy	Z Axis :5μm XY Axis:75μm	Operating Environment	Temperature:10°C-30°C Humidity:<60°C Good ventilation direct sunlight avoided
Printing Speed	25-30mm/h	Supportive language	Chinese, English
Layer Thickness	50, 75, 100 μm	Certification	CE Certified
Input File Formats Supported	STL、OBJ	Connectivity	USB



BSM-DP1000

Desktop Dental 3D Printer

Efficient

Stable

Accurate

Intelligent

www.bsmdental.com

+86-28-85317108

info@cdbesmile.com



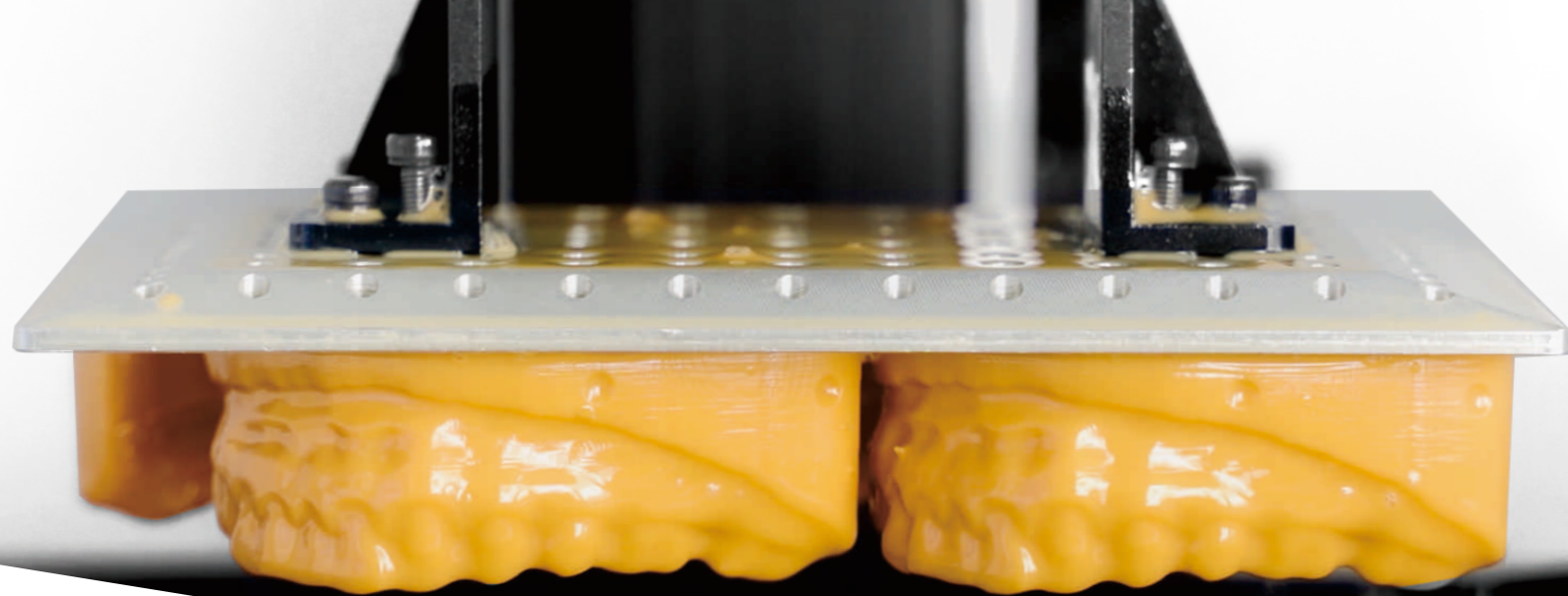
@Besmile



@besmile_aconia

BSM 贝施美
BESMILE

Technology Creates the Best Smile



BSM-DP1000



BSM-DP1000 is specially designed for dental labs, clinics and production centers to facilitate the digital productions of dental models, die models, surgical guides and gingiva masks etc. It adopts industrial-grade DLP 3D printing technology with high accuracy and fast print speed at lower maintenance cost, which is especially suitable for users who have high requirements for improving the precision and efficiency of product details.



Printing Resins

BSM printing resins are bio-compatible, easy for cleaning with little residue and no stacking, irritation and skin sensitization passed, NMPA certified and test-proven by Rosh.

Dental Applications

Combined with BSM printing materials, BSM-DP1000 addresses a variety of dental applications with high compatibility.

Dental Models



Gingiva Masks



Die Models



Surgical Guides



Gingiva Mask Resin
BSM YY-6

Intended use: Gingiva Mask Resin is a 3D printing resin intended for manufacturing gingiva masks etc.



Model Resin
BSM NM-56

Intended use: Model Resin is a 3D printing resin intended for manufacturing dental models, die models, teaching models etc.



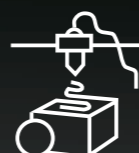
Surgical Guide Resin
BSM DB-10

Intended use: Surgical Guide Resin is a 3D printing resin intended for manufacturing surgical guides etc.



Undeniable Efficiency

- * DLP 3D printing projector-based Stereolithography
- * Fast speed prints at **25-30mm/hour**
- * 4 lower jaw printing at a time \approx 52 mins
- * 4 surgical guide printing at a time \approx 30 mins



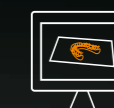
Leading Stability

- * **2 million+** micro-mirror industry-grade DMD optical engine
- * **10000+** hours operation life
- * Multi-batch printing consistency **>94%** within 50mm
- * Deformation **<3%** after 7 days after curing



High Accuracy

- * Imported UVLED, 405nm UV light source
- * 1080 pixel ultra high resolution
- * Repetition accuracy at **3 μ m**
- * **38 μ m** forming accuracy



Intelligent Slicing

- * Auto layout, one-touch printing
- * Hollow-out function to save costs
- * Anti aliasing ensuring a smooth surface
- * Bottom tolerance compensation for convenient wearing