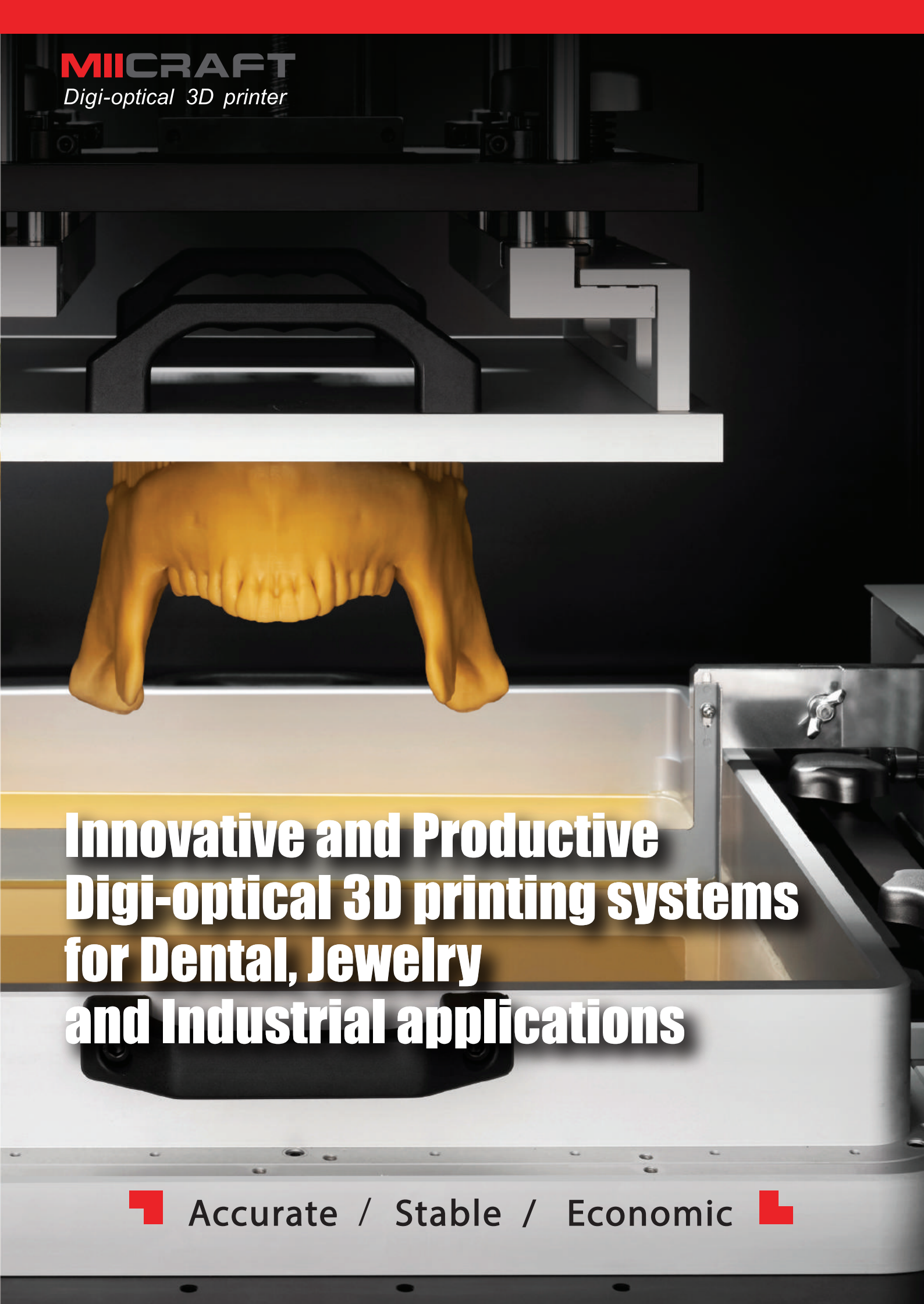


MIICRAFT
Digi-optical 3D printer



**Innovative and Productive
Digi-optical 3D printing systems
for Dental, Jewelry
and Industrial applications**

▀ Accurate / Stable / Economic ▹

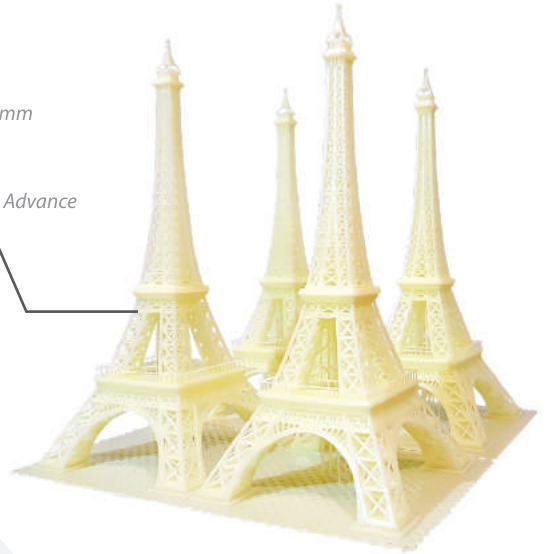
Innovative Peeling Architecture

The Advance and Profession series using our innovative Bottom-up peeling architecture to offer the advantages of less materials consumption, faster printing speed, high processing stability of printing and printing details.

MiiCraft Advance / Profession Series



200(L)*180(W)*195(H) mm
Eiffel Tower made with
BV006 Model white
resin using the MiiCraft Advance



Productive & High resolution

The Advance and Profession series have the largest printing platform among MiiCraft product lines and working with a printable volume up to 255x235x200 mm (125µm pixel size) and 250x140x200mm (65µm pixel size). Therefore, this series are perfect for individualized mass production and professional applications.

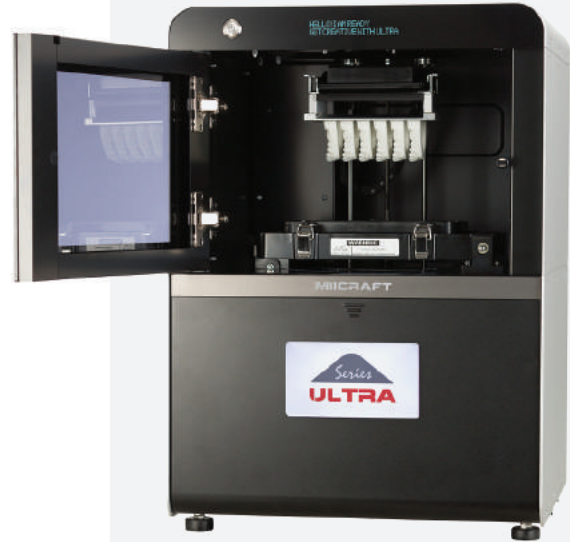
Other features

The Advance and Profession series are driven by a superior full HD and 4K UV engine to provide durable and excellent performance. New feature includes a built-in camera for instant monitoring while printing, and an embedded recoater blade for high viscosity resin prints.

MiiCraft Models	Advance 255	Advance 205	Profession 250	Profession 120
Building size (mm)	255x235x200	205x185x200	250x140x200	120x67x200
XY Resolution	125um	100um	65um	30um
Type	Dual 1080P	Dual 1080P	4K Ultra HD	4K Ultra HD
Wavelength (LED)	405nm	405nm	405nm / 385nm / 365nm	405nm / 385nm / 365nm
I/O	Ethernet / USB / Wifi / Power in, Adapter: 100~240V AC, 2A, 50Hz/60Hz			
Size and Weight	82x79x200 cm / 260kg			

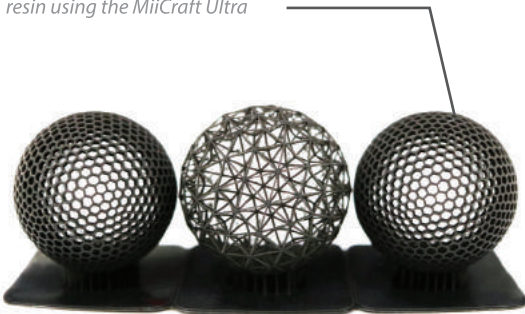
Industrial Grade Superior UV Optics & Engine

MiiCraft printer features an entire layer exposure driven by a DLP light engine for faster printing speed and beautiful details of printing parts. The light engine and the optical components are dedicated designs for UV LED light to keep printing accuracy, industrial grade performance and to ensure a long life time.



MiiCraft Ultra Series

Hollow ball made with BV002A Model Black resin using the MiiCraft Ultra



Unlimited choice of photopolymer resins

MiiCraft printers have the most flexibility for using diversified resins. The curing and movement parameters for the printers are fully open for users to support different properties of 3rd parties resins, the printers have also built in several scenario settings for different applications.

Powerful Software - Utility

The Software "Utility" is designed to prepare 3D files and input command to all MiiCraft printers. Main feature includes the preparation of the platform, editing the 3D model in various ways, positioning the model, generating supports and optimizing printing performance.

MiiCraft Models	Ultra 150	Ultra 125	Ultra 100	Ultra 80	Ultra 50
Building size (mm)	150x84.4x120	125x70x120	102x57.5x120	80x45x120	57x32x120
XY Resolution	78µm	65µm	53µm	41.5µm	30µm
Wavelength (LED)	385/405 nm wavelengths are available for all configurations				
I/O	Ethernet / USB / Wifi / Power in, Adapter: 100~240V AC, 2A, 50Hz/60Hz				
Size and Weight	43x43x59 cm / 37.5 kg				

Dental Materials for 3D Printing



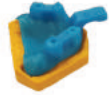
■ Surgical Guide



■ Night Guard Splint



■ Indirect Bonding Tray



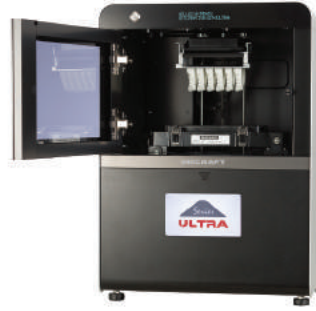
■ Individual Impression Trays



■ Temporary Denture Base



■ Hearing Aid



■ Crown & Bridge



■ Model



■ Model/Orthodontic Appliances



■ Wax-ups & Framework



■ Aligner

Prosthetics Model		OrthoModel		OrthoModel		Cast			
	BV005A Dental model carmel		keystone KeyOrthoModel carmel		BV005A Dental model carmel		keystone KeyGuide clear FDA Calss I		BV013B Jewelry Cast HD
	BV006 Model White		DETAX Freeprint model ivory, gray, sand, carmel		BV006 Model White		DETAX Freeprint ortho clear CE Class I		BV014A Cast Burgundy Red
	BV008 Dental model gray		Dreve FotoDent model carmel		IP Transparent BASF		Dreve FotoDent drill guide clear CE Class I		keystone KeyCast transparent purple
	IP Transparent BASF		Dentona Optiprint model clear		keystone KeyOrthoModel gray		Dentona Optiprint splint clear CE in processing		DETAX Freeprint cast red
	Enlighten PP model purple		Dentona Optiprint match ivory		DETAX Freeprint model T light blue		Enlighten DD guide clear TFDA Class I		Dentona Optiprint cast red
	3DM DENT brown, ivory, gray		NextDent Model 2.0 Peach, White and Gray		NextDent Model Ortho Beige		NextDent SG orange CE Class I		NextDent Cast purple

Temporary	Denture	Retainer	Tray	Gingiva

Optimize the printing experiences with "Utility"

Using the free Utility, the arranging of 3D models and building of supports can be easily completed by using auto- and manual mode. Furthermore, there are several printing optimizations integrated to the Utility, such as surface smoothing, edge enhance and sharpness functions to reach perfect printing results.

Flexible printing parameters setting

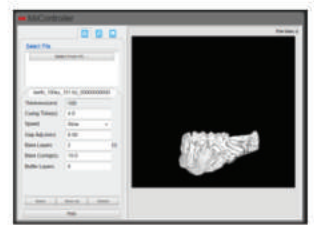
- Peeling motion / movement control, printing speed selections
- Printing scenario selection, built-in parameters for different applications

Compatible with 3rd parties software

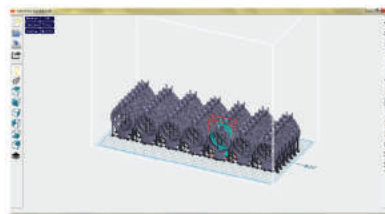
- Support .stl, .slc format, compatible with 3rd parties software



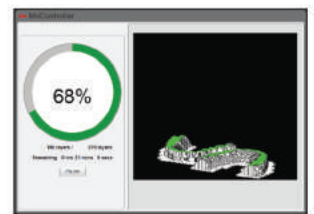
▶ The Advance and Profession series touch panel interface



▶ Printing parameters setting



▶ Models arrangement



▶ Monitoring printing status

Support the most diversified choice of photopolymer resins

With the flexibility of adjustable printing parameters settings, MiiCraft is compatible with many kinds of photopolymer resins, bringing out the most diversified applications. For more materials information, please contact us at sales@mii-craft.com

Function parts



IP Transparent BASF



BV022 IP High-Resistant



BV023 IP Durable Black

(200kg)

Jewelry



BV014A Cast Burgundy Red

Model



BV002A Model HD Black



BV007A Micro-structure Transparent

Dental



Surgical Guide



BV006 Model White



BV005A Dental Model Caramel



BV013B Cast HD Black





MIICRAFT

Digi-optical 3D printer



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