



## Professional Grade 3D Printing Made Affordable

The most advanced high definition DLP Printer in the industry.  
Easy, fast and reliable.



### FLEXIBLE & OPEN SYSTEM

- Open system with a wide range of resins
- Flexible and editable parameter settings

### CUTTING EDGE OPTICAL SYSTEM TECHNOLOGY

- 405nm LED configuration with high optical efficiency
- Digital Light Processing technology
- Heavy Duty projector with long life expectancy.

### POWERFUL SOFTWARE

- Support Generation Capabilities
- Build Job Preparation
- Printing File Transfer:
  - Powerful Customized Printing Parameter Settings
  - Direct Printing by USB Flash Drive
- Printing Optimization:
  - Surface Smoothing
  - Edge Enhancement
  - Turbo Printing Speed Mode

### PRINTING PRODUCTIVITY

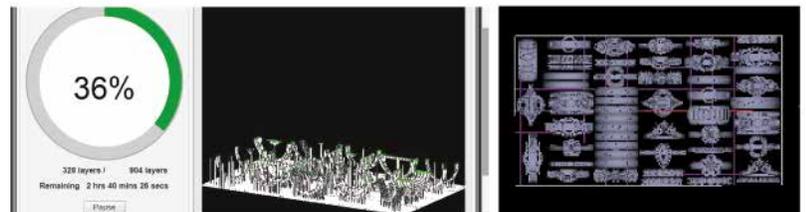
- 3-1/2 Hours creates up to 50+ rings with advanced detail
- Models are created on a heavy duty build plate
- Superior cooling System insures increased printing speed

### HIGH RESOLUTION & ACCURACY

- Full HD UV LED projection engine down to 30µm XY resolution
- Excellent optical system designed for high definition 3D Printing

### PRINTER TOOL

- Estimates and monitors growth time
- Model Preview & Real Time Printing Status Monitoring



### Simplistic Software Usage

- Power Control via Ethernet Browsers
- Powerful Customized Printing Parameter Settings
- Direct Printing by USB Flash
- Model Preview & Real Time Printing Status Monitoring
- Unlimited Free License
- Slicer and Support Editor



### Technical Specifications

	78-5150 <b>Tiger XXL</b>	78-5000 <b>Tiger XL</b>	78-5160 <b>Tiger MD</b>	78-5080 <b>Tiger HD</b>	78-5050 <b>Tiger XHD</b>
Best For	Max. Productivity	Productivity	Medical & Dental	Flexibility	High Definition
Max. Building Size (mm)	150 x 84.4 x 120mm	125 x 70 x 120mm	102 x 57.5 x 120mm	80 x 45 x 120mm	57 x 32 x 120mm
X Y Resolution (um)	78um	65um	53um	41.5um	30um
Wavelength*	405nm	405nm	385nm	405nm	405nm
Layer Thickness	5~200um				
Interface	Ethernet Connection, USB (Direct Printing)				
Ideal Temperature & Humidity	50° to 86°F ( 10° -28°C )				
Operating System & Net Browser	Windows 7, Windows 8 , Windows 10 & Google Chrome				
Printer Size & Power Input	17 x 17 x 23.5" , 83-lbs. , 100-240V AC , 2A 50/60Hz				

\* 405/385nm available by request on any model.

### Resin Options

	MODEL NAME & NUMBER	FEATURES	APPLICATION
<b>TIGER RESINS</b>	 Burgundy 78-5002	Easy surface or detail checking	Precious Metal
	 Smart-Res 78-5003-R1	Color Curing Indicators	Precious Metal
	 Orange 78-5003	Easy surface or detail checking	Medical & Dental
	 Blue 78-5004	Strongest Material	R&D Master Prototype Conceptional
	 Clear 78-5011	Hard Material	R&D Master Prototype Conceptional
	 Pink 78-5013	Flexible	R&D Master Prototype Conceptional



**FREE** Online support and online tutorials to get you up and running in 10 minutes.