

# Tiger<sup>3D</sup> APEX™

**2K**      **4K**

**HIGH-RESOLUTION  
3D PRINTING  
-EVOLVED-**



The next evolution of Tiger is here! Introducing the **Tiger3D APEX K Series**, the latest edition to our family of **The Most Advanced High Definition DLP Printers**.

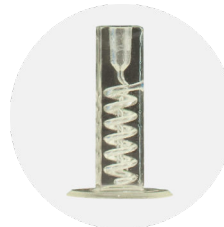
Tiger3D APEX K Series 3D Printers offer the highest resolution available in a desktop 3D Printer, available in both **2K** and **4K PRO** models. Whether you require high throughput or high quality, Tiger3D has a machine for your 3D printing needs.



**Dentistry**



**Jewelry**



**Microfluidics**



**Engineering**

**...and more!**



**20% Faster Printing**

Available on all APEX 3D printers.



**Automatic Cleaning**

Keeps your Tiger's resin tank clear of hardened resin and other debris.



**Built-in Wifi**

For remote operation and monitoring.



**Powerful New Interface**

Powered by Windows: the worlds most popular operating system.



**Protective Layering System**

Provides smoother surfaces, more precise printing, less supports and faster grow times.



**Open Source System**

Tiger3D Printers support the use of *any* 405um resin!

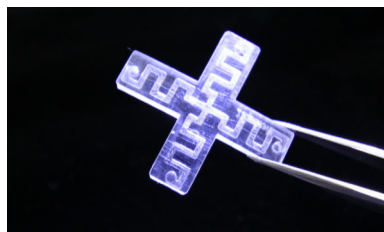
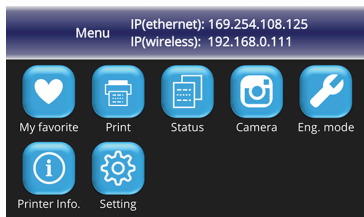


ITEM	APEX HD	APEX XHD	APEX PRO XXL
ITEM SKU	78-6080	78-6050	78-60150
BUILD SIZE	80 x 45 x 120 mm (3.1 x 1.77 x 4.7 in)	57 x 32 x 120 mm (2.2 x 1.2 x 4.7 in)	150 x 84.5 x 120 mm (5.9 x 3.3 x 4.7 in)
XY RESOLUTION	41.5 μm	30 μm	55 μm
LIGHT ENGINE PIXELS	True 2K (2.07 MP)		Super 4K (4.1 MP)
Z-LAYER RESOLUTION	5 μm to 200 μm		
WAVELENGTH (μm)	385/405 nm wavelength are available for all configurations		
SOFTWARE	Supported file type: .SLC / .STL Size limit: 500mb (network) 1GB (USB)		
I/O INTERFACES	Touch screen / Ethernet / Wifi, USB		
POWER INPUT	100~240V, 4.73A 50/60Hz		
PRINTER DIMENSIONS AND WEIGHT	Unpacked: 50 x 57 x 59 cm / 56 kilograms   Packed: 80 x 80 x 93 cm / 76 kilogram (19.6 x 22.4 x 23.2 in / 123.2 lb)   (31.5 x 31.5 x 36.6 in / 167.2 lb)		

## 3D PRINTER RESINS



ITEM	FEATURES	WEIGHT
<b>BURGUNDY</b> (SKU: 78-5002B)	Easily castable. Wax-like properties.	500g
<b>BLACK</b> (SKU: 78-5004A)	Prototyping. Extremely durable. Mold making.	1kg
<b>CLEAR</b> (SKU: 78-5011)	Prototyping. See-thru properties. Microfluidics.	1kg
<b>JADE</b> (SKU: 78-50026C)	Easily castable. Wax-like properties.	500kg



### INTUITIVE CONTROL

With a robust operating system, Tiger3D Apex printers give you the most control over your 3D printed parts.

### RESEARCH DEVELOPMENT

Speed, throughput and quality are just some of the features why most research labs rely on Tiger 3D printers for casting and many more demanding applications

### MULTI-MATERIAL

Tiger3D printers are the ONLY 3D printers enabled to process not only proprietary Tiger materials, but also FDA, TFDA, CE among others. Class I and Class II materials available for *aligners, dentures, prosthetic, orthodontic, retainers, trays, gingiva, etc.*