

# PROFESSIONAL 3D PRINTING MADE AFFORDABLE

# Tiger<sup>3D</sup> APEX™

## A NEW TIGER ROARS IN

**Tiger3D APEX** is the newest edition to our family of **The Most Advanced High Definition DLP Printers.**

Packed with features like an **all-new Windows based interface** and **Automatic Cleaning System**, built-in Wifi and 20% faster printing speeds, Tiger3D APEX is the quickest line to your business' production!



## GO FOR PRO

Also available, **Tiger3D APEX PRO** printers are equipped with an enhanced **2.7K projector** and a larger build plate for even greater 3D printing performance. For the professional that demands the smoothest surfaces, the finest detail and the highest throughput Tiger has to offer.



### 20% Faster Printing

Available on all new Apex 3D printers.



### Powerful New Interface

Powered by Windows: the worlds most popular operating system.



### Built-in Wifi

For remote operation and monitoring.



### Automatic Cleaning

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



### Protective Layering System

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



### Open Source System

Unlike other systems, Tiger3D Printers allow the operator to run all 405um resins.



ITEM	APEX HD	APEX XHD	APEX XL	APEX PRO XHD	APEX PRO XXL
ITEM SKU	78-6080	78-6050	78-6000	78-60110	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)	125 x 70 x 120 mm (4.9 x 2.7 x 4.7 in)	110 x 62 x 120 mm (4.3 x 2.4 x 4.7 in)	150 x 70 x 120 mm (5.9 x 3.3 x 4.7 in)
XY RESOLUTION	41.5 $\mu$ m	30 $\mu$ m	65 $\mu$ m	40 $\mu$ m	55 $\mu$ m
LIGHT ENGINE PIXELS	FULL HD 1080P (1980 x 1080 RESOLUTION)			SUPER 2.7K (WQXGA 2712 x 1528)	
Z-LAYER RESOLUTION	5 $\mu$ m TO 200 $\mu$ m				
WAVELENGTH ( $\mu$ m)	385/405 nm wavelength are available for all configurations				
SOFTWARE	<b>Operating System:</b> Windows <b>Supported file type:</b> .SLC / .STL <b>Size limit:</b> 500mb (network) 1GB (USB)				
I/O INTERFACES	Touch screen / Ethernet / Wifi, USB				
POWER INPUT	<b>Printer:</b> 19V DC / 4.73A / <b>With Adapter:</b> 100~240V AC, 1.5A, 50Hz/60Hz				
PRINTER DIMENSIONS AND WEIGHT	<b>Packed:</b> 80 x 80 x 93 cm / 76 kilogram <b>Unpacked:</b> 50 x 57 x 59 cm / 56 kilograms (31.5 x 31.5 x 36.6 in / 167.2 lb) (19.6 x 22.4 x 23.2 in / 123.2 lb)				



## TIGER3D PRINTER RESINS

COLOR	FEATURES	WEIGHT
<b>BURGUNDY</b> (SKU: 78-5002A)	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



### INTUITIVE CONTROL

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



### OUTSTANDING DETAIL

Tiger3D APEX brings your designs from computer to print, reproducing every single detail with the utmost precision.



### CASTING PERFECTION

Our selection of castable resins enable your prints to be directly casted and formed into metal. Our famous Burgundy resin is used by casters and jewelers all over the world.