



Industrial Oxygen 3D Printer

Production Grade Oxygen 3D Printer

Wax Ultra 190 is an industrial-grade high-precision DLP-3D printer, offering high molding accuracy, excellent surface quality, and fast printing speed.

WAX ULTRA 190 »

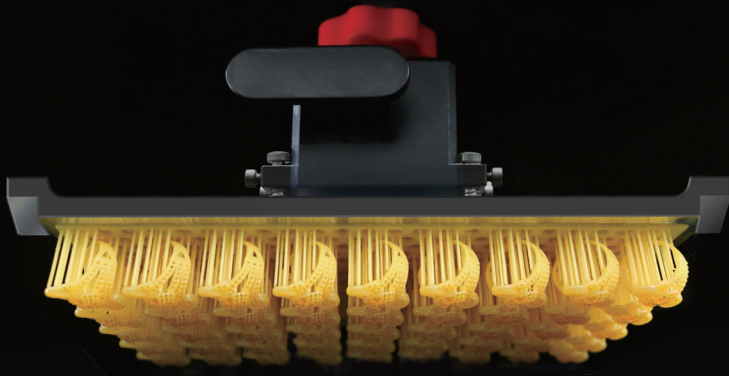
Rapid | Smooth | Oxygen | Large area

Machine Parameters

Light source	DLP
Print size	192*108*150mm
Printing speed	20~25mm/h
Pixel accuracy	50μm
Light uniformity	95~97%
Z-axis HIWIN	P grade screw
Screen	10" OLED smart
XY Resolution	3840*2160px
Weight	82kg
Size	550*550*1400mm



see more>>
<http://ifun3d.com/>



Extremely fast continuous molding, large molding size

It enables fast and continuous printing, and its large build size of 192*108*150mm allows the creation of larger models and multiple parts in a single print job, making it ideal for high-demand production environments. 104 rings can be printed in 1.5hour.

Oxygen Integration

Equipped with an oxygen generator and oxygen-permeable release film, the WAX ULTRA 190 is ideal for printing with high-wax-content resins. This makes it an excellent choice for casting complex or large, thick components that require mass production, addressing challenges typically faced by traditional 3D printing.

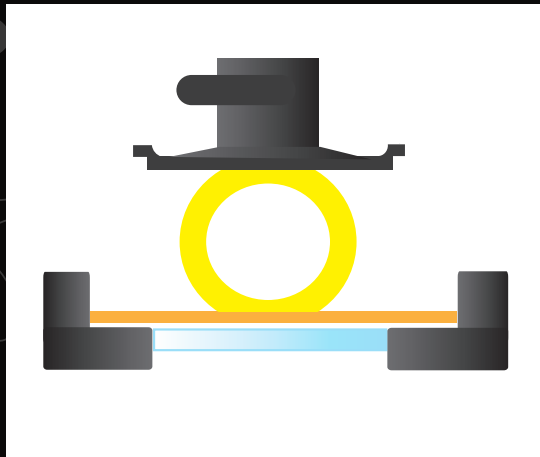


Smooth Surface and Ultra-Clear Detail Performance

The WAX ULTRA 190 With boundary gradient optimization algorithms, it eliminates pixel lines in the XY direction and stair-stepping in the Z direction, resulting in smoother surfaces. It accurately renders fine details in jewelry, such as engravings, textures, and gemstone cuts, making jewelry designs more realistic and exquisite, and precisely handling the smallest, sharpest details.

HIWIN P-level screw with excellent stability

It adopts HIWIN P-level screw with repeat positioning accuracy of 0.005mm and machine tool-level deployment to ensure stable operation for 5 years, ensuring stable silky smoothness and no obvious layering, and is also quiet. The working environment provides security.



Efficient Release and Easy Maintenance

Utilizing a high oxygen-permeable release film and specialized release technology, the WAX ULTRA 190 ensures a smoother and more efficient release process, significantly increasing the success rate of prints. The release film has a longer lifespan compared to conventional products, reducing maintenance costs and frequency, thus enhancing overall user experience.

4K DLP Light Engine

Featuring a professional ultra-high-resolution projection optical engine, the WAX ULTRA 190 offers a resolution of up to 3840×2160 pixels and a lifespan of over 20,000 hours. Its high uniformity of light ensures stable formation at every position on the printing surface, resulting in superior print quality.

