



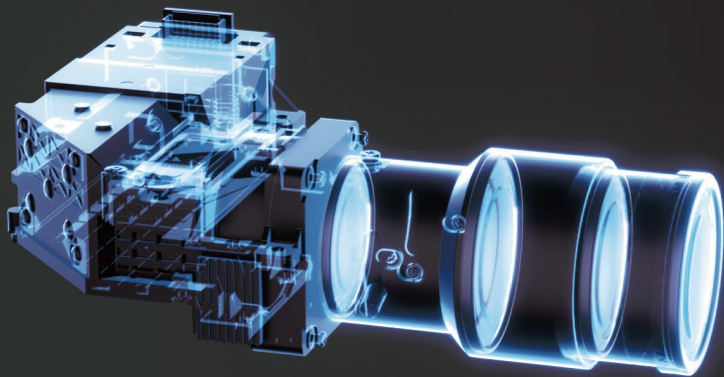
Resin 3D Printer

RXDent-D130

Intelligent Efficiency, Elevated Dentistry.



RXDent-D130 Resin 3D Printer



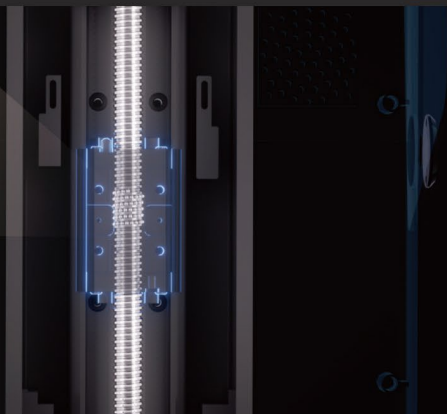
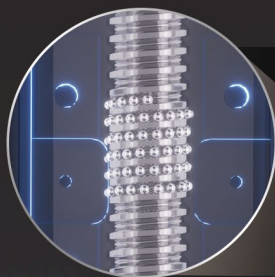
385 nm Light Source Superior Curing Performance

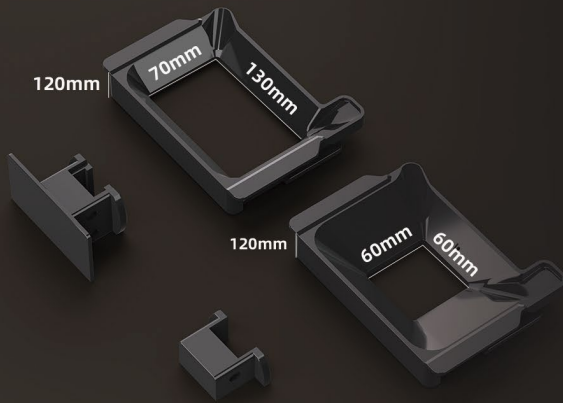
Equipped with a 385 nm DLP engine offering over 20000 hours of service life and adjustable intensity from 4–12 mW/cm², it delivers finer details and higher printing efficiency.

**±0.01
mm**

P-class Ball Screw Guaranteed Printing Stability

The P-class ball screw combined with a closed-loop motor maintains $\pm 0.01\text{mm}$ accuracy even after 10,000 reciprocating cycles under 60kg load, ensuring consistent, precise, and stable printout.





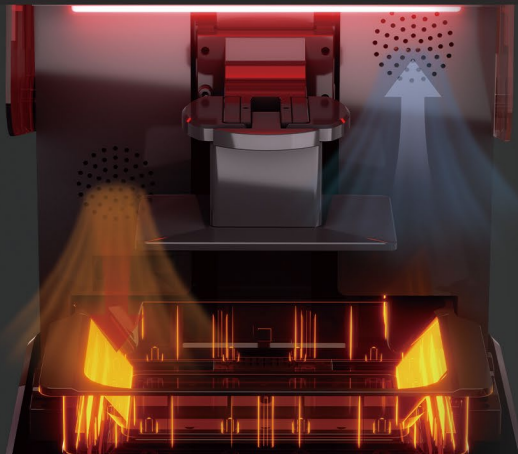
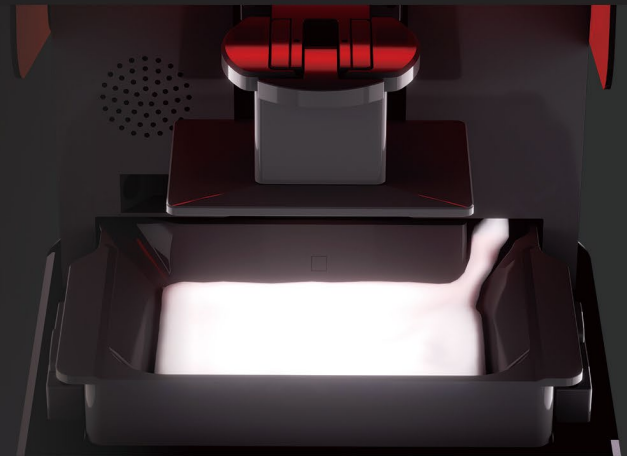
Dual-tray Quick Switch Lower Production Cost

Enable fast switching between big and small trays, featuring spring-assisted platform calibration, secure dual-side sliders, and tray in-position detection, boosting efficiency, reducing waste, and cutting costs.



Automatic Resin Refilling Reduces Manual Intervention

Real-time resin level monitoring and auto refilling reduce manual operation. Door open sensor to improve safety.



Automatic Environment Control Stable Printing Conditions

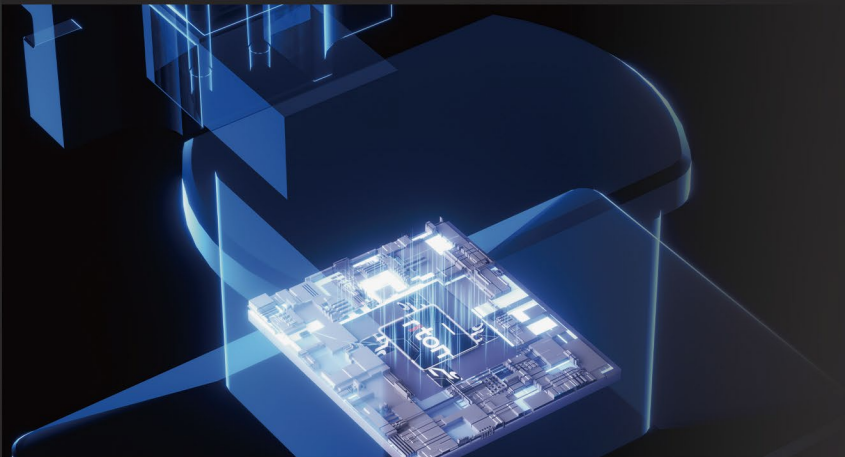
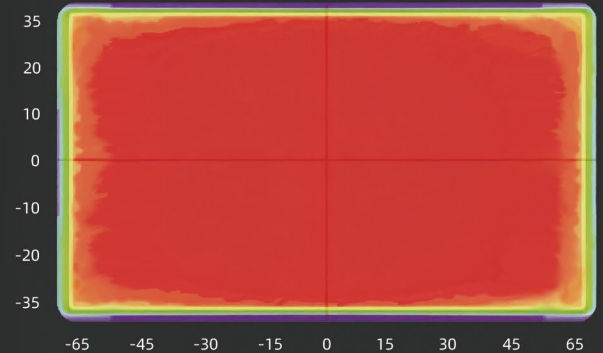
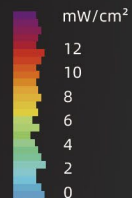
Dual heaters and humidity monitoring quickly create an optimal printing environment. Custom heating up to 45°C is achieved in just 5 minutes, enabling reliable printing with high-viscosity resins.



Riton Light-Calibration Module Sustained High Precision

Integrate auto-calibration modules for light intensity and uniformity, achieving less than $\pm 3\%$ deviation and over 95% uniformity across the entire build area, ensuring perfect print results anytime, anywhere.

$\pm 3\%$



High-Sensitivity Force Monitoring Failure Prevention

Track peeling force in real time and monitors release film lifespan. Instant alerts help to prevent equipment damage and reduce print failure rates.

Ideal for Fabrication of



Flexible Denture



Night Guard



Complete Denture



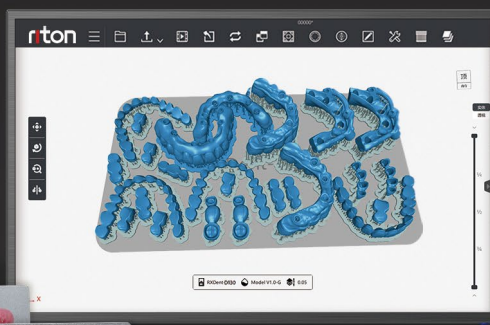
Try-in Denture



Tray



Temporary Denture +
Gingival



RXDent-D130 Resin 3D Printer

Technical Specifications

Forming Size (Large Resin Vat)	130 x 70 x 120 mm	Touchscreen	7-inch HD Color Screen
Forming Size (Small Resin Vat)	60 x 60 x 120 mm	Rated Voltage	100-240 V 50/60 Hz
Projection Technology	DLP	Rated Power	300 W
XY Resolution	1920 x 1080	Equipment Dimensions	420 x 320 x 500 mm
Printing Accuracy	30 μm	Packaging Dimensions	570 x 470 x 700 mm
Light Source Wavelength	385 nm	Net Weight	20 kg
Printing Speed	1-6 s/layer	Printing Method	Wireless / USB
Layer Thickness	0.01-0.2 mm	Supported Languages	Multiple Languages

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