

Chairside Digital Solution

Simplifying Digital Workflows for Modern Dental Clinics

Riton's chairside digital dentistry solution integrates high-precision 3D printing, dental materials, and efficient post-processing to help clinics establish an in-house digital workflow.

From temporary restorations and surgical guides to digital models and splints, the solution enables efficient production, consistent quality, and improved chairside workflow efficiency.





Chairside LCD 3D Printer
(RXDent-L130 Ultra)

Description	A high-precision desktop LCD 3D printer designed for efficient digital dental workflows. With a 385 nm Dental-Optimized Uniform Light Source System, it delivers reliable printing performance for a wide range of dental applications, including models, temporary restorations, surgical guides, and splints.
XY Resolution	3840 x 2400
XY Accuracy	34 μm
Layer Thickness	0.01–0.2 mm
Printing Speed	1–8 s/layer
Molding Size (Large Vat)	130 x 80 x 110 mm (X x Y x Z)
Molding Size (Small Vat)	60 x 60 x 110 mm (X x Y x Z)
Machine Dimensions	320 x 420 x 500 mm (W x D x H)



Resin Curing Unit
(RXDent-C260)

Description	High-power curing unit with 260W output and 360° uniform irradiation for enhanced strength and dimensional stability of 3D-printed dental restorations.
Wavelength	365–420 nm
Light Power	260 W
Voltage	100–240 V
Machine Dimensions	300 x 280 x 350 mm (W x D x H)



Ultrasonic Cleaner
(RXDent-W150)

Description	An efficient ultrasonic cleaning solution designed to remove residual resin from printed dental parts, ensuring reliable post-processing results.
Capacity	3.2 L
Power	150 W
Machine Dimensions	268 x 165 x 230 mm (W x D x H)



Constant-Temperature
Hot Air Drying Oven
(RXDent-H500)

Description	Provides uniform hot air circulation for efficient drying after cleaning, helping maintain consistent post-processing quality.
Capacity	16 L
Temperature Fluctuation	±2°C
Power	500 W
Machine Dimensions	510 x 380 x 410 mm (W x D x H)