

# RF4030 Series – Technical Data Sheet (TDS)

## Product Description

This industrial-grade 3D printer is designed for the overseas dental industry, offering high precision, stable performance, and efficient production. With advanced DLP technology and a large build volume, it supports reliable batch printing of dental models. Intelligent control and durable optical components ensure consistent quality and smooth operation, making it well suited for professional dental laboratories and clinics.

## Technical Specifications

Parameter	Specification
Build Volume	384 × 216 × 50 mm
Pixel Size	100 μm
Accuracy	80 μm
Wavelength	405 nm
Resolution	3840 × 2160 px
Layer Thickness	0.08 – 0.15 mm
Projection Mode	Top-down Projection
Resin Vat	Replaceable
Relative Humidity	< 65%
Operating Temperature	24°C (71.6°F) – 28°C (82.4°F)
Machine Weight	400 kg
Machine Dimensions (W×D×H)	830 × 890 × 1930 mm
Electrical Requirements	200–240 VAC, 50/60 Hz, Single Phase
Rated Power	2.5 kW
Controlling Software	RAYFORM 3D PRINT SYSTEM
Operating System	Windows 10
Supported File Formats	STL / BMP

## Notes

Specifications are subject to change without prior notice. All performance data are measured under standard laboratory conditions.