

Raise3D DF2+ Technical Specifications

True DLP Precision, Faster Prints, Traceable Workflow

Printer	Raise3D DF2+ (Resin DLP)	
Printer Hardware	Print Technology	Digital Light Printing (DLP)
	Build Size (W × D × H)	200 × 112 × 300 mm (7.87 × 4.41 × 11.8 inch)
	XY Resolution	2560 × 1440
	Max Part Weight	10 kg
	Max Printing Speed ¹	100 mm/h
	General Printing Speed ²	50-60 mm/h
	Layer Height	50-200 micron
	Light Source Density	Twice the light source density of DF2
	Resin Management	Auto Resin Feeding, Resin Level Detection, Resin Confirmation
	Control Panel	Touchscreen (1920 × 720 resolution) with Magic Layout for easy print layout adjustments and quick duplication of prints
	RFID Print Platform	Record the type of resin used and the printing, washing and curing settings
	Level Calibration	Calibrated in factory
	Chamber Heating	Max 40°C (104°F)
Resins	Raise3D Resins	Raise3D Standard White Resin, Raise3D High Detail Apricot Resin, Raise3D Tough 2K Grey Resin, Raise3D Rigid 3K Grey Resin, Raise3D High Clear Resin, Raise3D Draft Grey Resin Coming Soon: Raise3D Standard Black, Raise3D ESD, Raise3D High Temperature Resin
	OMP (Open Material Program)	LOCTITE® 3D IND405™, LOCTITE® 3D PRO476™, LOCTITE® 3D 3843™, LOCTITE® 3D PRO410™, LOCTITE® 3D PRO417™ Ultracur3D® RG 3280, Ultracur3D® RG 1100 B, Ultracur3D® EL 60, Ultracur3D® EL 4000 Coming Soon: LOCTITE® 3D IND147™, LOCTITE® 3D 3843 White™
Software and Network	Connectivity	Wi-Fi, LAN, USB port × 2, Live Camera
	Network	Ethernet, Wireless 802.11 b/g/n
	Slicing Software	ideaMaker (Features: Antialiasing; Auto Support; Auto Orientation; Auto Cross Section Analysis; Contour Compensation; Suction Cup Detection; Hollow; Drainage Hole; Texture Generation; Smaller Gcode Size)
	Remote Management Software	RaiseCloud
	Supported File Types	STL/ OBJ/ 3MF/ OLTP/STP etc.
	Supported OS	WINDOWS/ macOS/ LINUX
Operation and Shipping	Power Supply Input	100-240 V AC, 50/60 Hz 230 V @ 3.3 A
	Operating Ambient Temperature	15 - 30°C, 10 - 90% RH Non-Condensing (HOLD)
	Storage Temperature	-25 to 55°C, 10 - 90% RH Non-Condensing (HOLD)
	Machine Size (W × D × H)	450 × 408 × 730 mm (17.7 × 16.1 × 28.7 inch)
	Net Weight	40 kg (88.2 lbs)
	Gross Weight	59.4 kg (131 lbs)
	Shipping Dimensions	710 × 595 × 980 mm (28.0 × 23.4 × 38.6 inch)

1 Using Draft Resin and 200 µm layer height on DF2+. Actual print time obtained by printing a set of test parts at room temperature: 24-26°C Humidity: less than 50%.

2 Average of all Raise3D materials printed at 100 µm layer height. Print speed will vary depending on resin type, layer height and part geometry.etc.

Raise3D DF Wash & DF Cure Technical Specifications

True DLP Precision, Faster Prints, Traceable Workflow

Wash	Raise3D DF Wash
Wash Hardware	Washing Tank Volume 14 L Max Washing Size 200 × 112 × 300 mm (7.87 × 4.41 × 11.8 inch) Compatible Solvent IPA, TPM Washing Features Twin-turbo Washing, Hand Washing Simulation Drying Feature Double Fan Air Drying Drainage Automatic Liquid Drainage with Waste Container Wash Profile RFID Auto Set or Manual Entering
Operation and Shipping	Power Supply Input 100-240 V AC, 50/60 Hz, 96 W Operating Ambient Temperature 10°C-35°C Storage Temperature -25 to 55°C, 10 - 90% RH Non-Condensing (HOLD) Machine Net Weight 27.7 kg (61.1 lbs) Machine Gross Weight 45.8 kg (101 lbs) Waste Container Net Weight 0.7 kg (1.54 lbs) Waste Container Gross Weight 1.5 kg (3.3 lbs) Machine Size (W × D × H) 400 × 410 × 646 mm (15.7 × 16.1 × 25.4 inch) Waste Container Size (W × D × H) 350 × 190 × 290 mm (13.8 × 7.5 × 11.4 inch) Machine Shipping Dimensions 725 × 585 × 915 mm (28.5 × 23.0 × 36.0 inch) Waste Container Shipping Dimensions 407 × 247 × 349 mm (16.0 × 9.7 × 13.7 inch)

Cure	Raise3D DF Cure
Cure Hardware	Max Curing Size $\varnothing$ 230 x 300 mm ($\varnothing$ 9 x 11.8 inch) Curing Source LED (365nm, 385nm, 405nm mixed); Max Air Heating Temperature up to 120°C Cure Profile RFID Auto Set or Manual Entering
Operation and Shipping	Power Supply Input 100-240 V AC, 50/60 Hz, 500 W Operating Ambient Temperature 10-35°C Storage Temperature -25 to 55°C, 10 - 90% RH Non-Condensing (HOLD) Net Weight 32.8 kg (72.3 lbs) Gross Weight 49.2 kg (108.5 lbs) Machine Size (W × D × H) 400 × 490 × 610 mm (15.7 × 19.3 × 24.0 inch) Shipping Dimensions (W × D × H) 725 × 585 × 850 mm (28.5 × 23.0 × 33.5 inch)