

Raise3D DF2 Technical Specifications

The Raise3D DF2 solution is a Digital Light Printing (DLP) system offering speed, quality, exceptional reliability and efficient workflow via RFID. It is designed for engineering prototyping, manufacturing aids, and low-volume production using a wide variety of high-performance

Printer	Raise3D DF2
Printer Hardware	<p>Print Technology DLP</p> <p>Build Volume (W × D × H) 200 × 112 × 300 mm (7.87 × 4.41 × 11.8 inch)</p> <p>XY Resolution 2560 × 1440</p> <p>Max Z Workload 10 kg</p> <p>Layer Height 50-100 micron</p> <p>Max Printing Speed 25 mm/h (0.1 mm per layer)</p> <p>Resin Level Detection Yes</p> <p>Auto Resin Refill Yes</p> <p>Control Panel Touch Screen (1920 × 720, Magic Layout)</p> <p>Level Calibration Calibrated in Factory</p> <p>Chamber Heating Yes (Max 40°C)</p>
Resins (Available Options)	<p>Raise3D Standard White</p> <p>Raise3D High Detail Apricot</p> <p>Raise3D Tough 2K Grey</p> <p>Raise3D Rigid 3K Grey</p> <p>Raise3D High Clear Coming Soon</p> <p>Raise3D High Temperature Coming Soon</p> <p>Open Resin Program Coming Soon</p>
Software and Network	<p>Connectivity Wi-Fi, LAN, USB port × 2, Live camera</p> <p>Network Ethernet, Wireless 802.11 b/g/n</p> <p>Slicing Software ideaMaker</p> <p>Remote Management Software RaiseCloud</p> <p>Supported File Types STL/ OBJ/ 3MF/ OLTP</p> <p>Supported OS WINDOWS/ macOS/ LINUX</p>
Operation and Shipping	<p>Power Supply Input 100-240VAC, 50/60 Hz 230V @ 3.3A</p> <p>Operating Ambient Temperature 15 - 30°C, 10 - 90% RH Non-Condensing (HOLD)</p> <p>Storage Temperature -25 to 55°C, 10 - 90% RH Non-Condensing (HOLD)</p> <p>Machine Size (W × D × H) 450 × 400 × 730 mm (17.7 × 15.7 × 28.7 inch)</p> <p>Weight 40 kg (Net Weight) 59.4 kg (Gross Weight)</p> <p>Shipping Dimensions 710 × 595 × 980 mm (28.0 × 23.4 × 38.6 inch)</p>

Raise3D DF Wash & DF Cure Technical Specifications

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Machine	Raise3D DF Wash	
Hardware	Washing Tank Volume	14 L
	Max Washing Volume	200 × 112 × 300 mm (7.87 × 4.41 × 11.8 inch)
	Compatible Solvent	IPA, Water, TPM
	RFID Print Platform	Supported
	Automated Waste Drainage	Yes
Operation and Shipping	Power Supply Input	100-240VAC, 50/60 Hz, 0.55 A/230VAC
	Operating Ambient Temperature	10°C-35°C
	Storage Temperature	-25 to 55°C, 10 - 90% RH Non-Condensing (HOLD)
	Machine Gross Weight	45.4 kg
	Grey Tank Gross Weight	0.65 kg
	Machine Size (W × D × H)	400 × 410 × 646 mm (15.7 × 16.1 × 25.4 inch)
	Machine Shipping Dimension	725 × 585 × 915 mm (28.5 × 23.0 × 36.0 inch)
Grey Tank Shipping Dimension	407 × 247 × 349 mm (16.0 × 9.7 × 13.7 inch)	

Machine	Raise3D DF Cure	
Hardware	Max Curing Size	φ 230 × 300 mm (φ 9 × 11.8 inch)
	Curing Source	LED (365nm, 385nm, 405nm Mixed)
	Air Heating (Max Temperature)	120°C
Operation and Shipping	Power Supply Input	100-240 V AC, 50/60 Hz, 230 V AC @ 2.6 A
	Operating Ambient Temperature	10-35°C
	Storage Temperature	-25 to 55°C, 10 - 90% RH Non-Condensing (HOLD)
	Net Weight	31.95 kg
	Gross Weight	45.5 kg
	Machine Size (W × D × H)	490 × 400 × 610 mm (19.3 × 15.7 × 24.0 inch)
Shipping Dimension (W × D × H)	725 × 585 × 850 mm (28.5 × 23.0 × 33.5 inch)	