

stratasys

PRODUCT SPEC SHEET
P3™ DLP

Origin® Two

Origin® Two brings advanced 3D printing capabilities to end-use production, tailored for applications requiring high accuracy, repeatability, tight tolerances and smooth surface finish.

Product Specifications	
Technology	Programmable PhotoPolymerization P3TM DLP (Digital Light Processing)
Achievable Accuracy	XY and Z tolerance of up to +/-50 µm for validated applications and +/- 100 µm in general.*
Repeatability	>95% of prints are within +/-50* µm across printers and build heads* *Between 25 µm – 200 µm layers with OpenAM™
Surface Finish	Surface roughnessof up to 2µm Ra*
Build Volume (XYZ)	192 x 108 x 370 mm / 7,672 cm^3 (7.5 x 4.25 x 14.5 in. / 462 $in.^3$) Maximum length on the diagonal — 220 mm (8.6 in.) Final part build size depends on material behavior/shrinkage, and could be smaller than full build volume.
Light Engine	4K projector with 38.5 µm pixel size and tight 2.5 standard deviation projector uniformity
Materials	Photocurable materials, single component: • Validated materials developed by Stratasys and its material partners • Any material, via the OpenAM™ License • Changeover can be completed in under 10 min. • Long shelf lives and re-usable • Three starter materials included More on materials for Origin Two on the Stratasys website P3 Materials (stratasys.com)
Minimum Feature Size	Material and design dependent
Wavelength	385nm
Pre-Print Software	Stratasys GrabCAD Print™ or optional 3rd party solutions Touchscreen printer user interface
Regulatory Compliance	CE, UKCA, FCC, RCM, NRTL
Physical Footprint	
System Size and Weight	Width: 50 cm (19.7 in.) Depth: 52 cm (20.5 in.) Height: 117 cm (46 in.) Weight: 86 kg (189.5 lbs.)
Facility Requirements	
Power Requirements	100-120 VAC, 50/60Hz, 7.1A, 1 Ph or 200-240 VAC, 50/60 Hz, 3.5 A, 1 Ph
Network Connectivity	Ethernet Offline connectivity available with Origin Two Local
Ventilation	Refer to photopolymer material MSDS or contact Stratasys rep for guidelines.
Operating Conditions	Operating temperature in the range of 18 °C to 25 °C (59 °F to 86 °F), with humidity range of 30% to 70%
Gas Exhaust (optional)	Facility exhaust

* Accuracy capabilities depend on material used and part geometry.



Origin® Two

Product Specifications

Material Handling	
Resin Tray Capacity	2L
Resin Storage Temperature	Typically 15 °C to 30 °C (59 °F to 86 °F)
Printer Handling	
Transportation and Storage Temperature	Typically -20 °C to 50 °C (-4 °F to 122 °F)
Security Features	
Printer Authentication	Cryptographically secure handshake
Network Security	Industry-standard end-to-end encryption
Available ancillary equipment	
Air Extraction	ProAero™
Post-processing	Origin CureLite™ - The published printer specifications for accuracy, tolerances, injection-molding like surface finish require use of Origin CureLite post-processing unit.
Accessories	Including Tray Pour Jig; Lid; Pour Spout; Stand; Tray; Part Removal Jig; Scraper Jig, Printer stand, Build-Head Removal Jig (“No-drip”)

stratasys.com
ISO 9001:2015
Certified

Stratasys Headquarters

5995 Opus Parkway,
Minnetonka, MN 55343
+1 800 801 6491 (US Toll Free)
+1 952 937-3000 (Intl)
+1 952 937-0070 (Fax)

1 Holtzman St., Science Park,
PO Box 2496
Rehovot 76124, Israel
+972 74 745 4000
+972 74 745 5000 (Fax)

© 2025 Stratasys Ltd. All rights reserved. Stratasys, Stratasys signet, Origin, Origin Two, OpenAM, GrabCAD Print, ProAero, Origin Cure and P3 are trademarks or registered trademarks of Stratasys Ltd. and/or its subsidiaries or affiliates and may be registered in certain jurisdictions. All other trademarks belong to their respective owners. Product specifications are subject to change without notice. PSS_P3_Origin_Two_0725a