

Origin One Dental

When production counts, Origin® One Dental empowers you to scale your business enabling high volume production across multiple dental applications using a variety of high-performance materials. With user-friendly software that is simple to manage and learn, Origin One Dental streamlines your digital workflow and maximizes throughput.



General

Technology	Programmable PhotoPolymerization P3
Materials	Photocurable materials from Stratasys ecosystem material partners. Refer to SYS website for an up-to-date selection
Build Envelope (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.)
Minimum Feature Size	Material and design dependent, as low as 50µm
Resolution	4K light engine
Process Energy	UV (385nm) and thermal
Software	Origin One cloud based web application
Regulatory Compliance	CE, FCC

Physical Footprint

System Size and Weight	49.6 x 60.1 x 119.1 cm (19.5 x 23.6 x 46.8 in.) 84 kg (185 lbs.)
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Facility Requirements

Power Requirements	90 - 264 VAC, 50 - 60 HZ, 700 W, 1 phase
Network Connectivity	Ethernet
Ventilation	Refer to photopolymer material MSDS or contact SYS rep for guidelines.
Operating Conditions	Operating temperature 15°C to 30°C (59°F to 86°F) Operating Humidity 30% to 70%
Gas Input (optional)	Facility air or inert gases
Gas Exhaust (optional)	Facility exhaust

Material Handling

Resin Tray Capacity	2L
Resin Storage Temp	Typically 15°C to 30°C (59°F to 86°F)

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