

# Origin One™ Dental

When production counts.



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**.

**Quick print times** help expand production without delays, so you can respond flexibly to shifts in demand and achieve industry-leading returns on your investment in 3D printing.

Origin One Dental is powered by leading-edge Programmable PhotoPolymerization (P3™) technology, which achieves unrivaled **accuracy, consistency, and detail**.

When production counts, count on Origin One Dental. Print best-in-class **models, splints, surgical guides and other dental parts** faster, at lower cost and with greater accuracy.

## General

Technology	Programmable PhotoPolymerization P3™
Materials	Materials from Stratasys ecosystem material partners. Refer to Stratasys website for an up-to-date selection.
Build Envelope (XYZ)	192 x 108 x 370 mm / 7,672 cm³ (7.5 x 4.25 x 14.5 in. / 462 in³)
Resolution	4K light engine
Process	Energy UV (385nm) and thermal
Software	Origin One cloud based web application
Regulatory Compliance	CE, FCC, KC, RCM

## Facility Requirements

Power Requirements	100-240 VAC, 50–60 HZ, 7.1 A, 1Ph or 200-240 VAC, 50–60 HZ, 3.5 A, 1Ph
Network Connectivity	Ethernet
Ventilation	Refer to photopolymer material SDS or contact Stratasys 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)

## Security Features

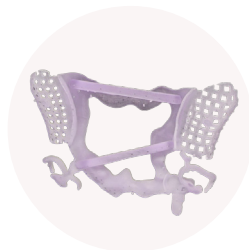
Printer Authentication	Cryptographically-secure handshake
Network Security	Industry-standard end-to-end encryption

# Origin One™ Dental



## Quadrent + Die 50µm

Origin DM200™ by Stratasys  
Print up to 12 models in 60 mins



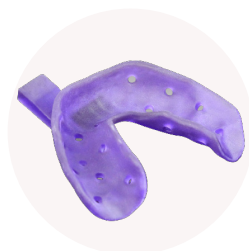
## Removable Partial Denture (RPD) Cast

KeyCast® by Keystone Industries  
Print up to 8 models in 37 mins



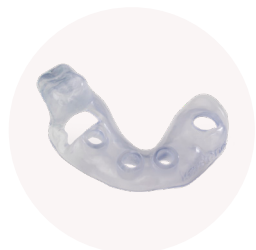
## Ortho Models 100µm

Origin DM200™ by Stratasys  
Print up to 6 models in 35 mins



## Custom Tray

KeyTray® by Keystone Industries  
Print up to 5 models in 1 hr, 56 mins



## Surgical Guides

KeyGuide® by Keystone Industries  
Print up to 10 models in 1 hr, 18 mins



## Upper Monolithic Try-In and Implant bridge with gingiv

Key Try-In® by Keystone Industries  
Print up to 8 models in 2 hrs, 49 mins



## Bite Splints

KeySplint Soft® by Keystone Industries  
Print up to 9 models in 1 hr, 58 mins



## Denture Base

FotoDent® denture 385 nm by Dreve  
Print up to 11models in 1 hr, 42 mins



## Night Guards

KeySplint Hard® by Keystone Industries  
Print up to 22 models in 25 mins



## Clear Bite Splint

KeySplint Soft Clear® by Keystone Industries  
Print up to 11models in 2 hrs, 12 mins



## Gingiva Mask

KeyMask® by Keystone Industries  
Print up to 28 models in 27 mins