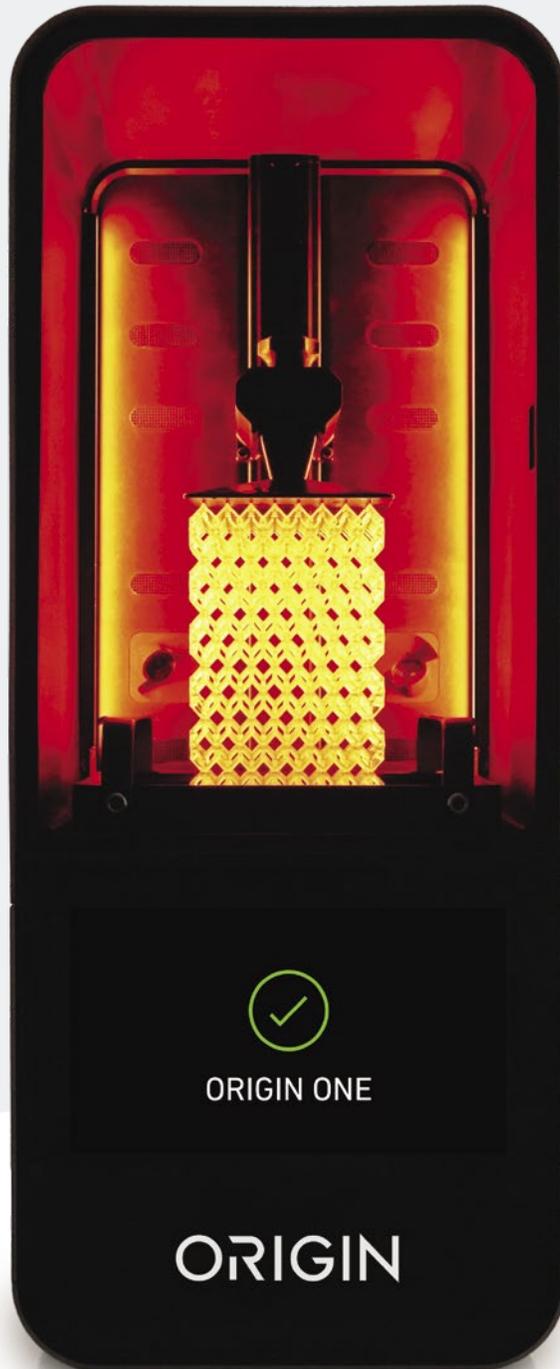
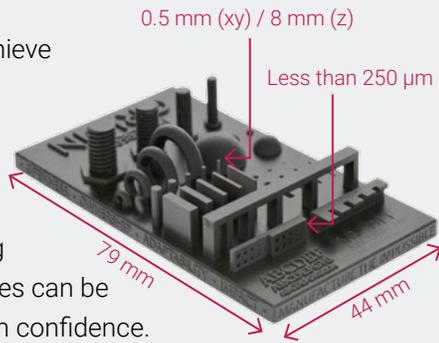


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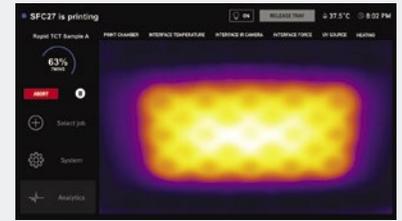
Commercial-Grade Parts

Isotropic parts achieve peak mechanical properties during printing and require minimal supports, meaning complex geometries can be produced with high confidence. Excellent surface aesthetics, advanced texturing capabilities, and the ability to exceed the properties of injection molded materials enable direct production of end-use parts.



Exceptional Accuracy and Consistency

Consistently produce dimensionally accurate parts with programmable photopolymerization (P³). P³ precisely orchestrates light, temperature, and other conditions, automatically optimizing prints in real-time for the best possible results.



Maximum Throughput

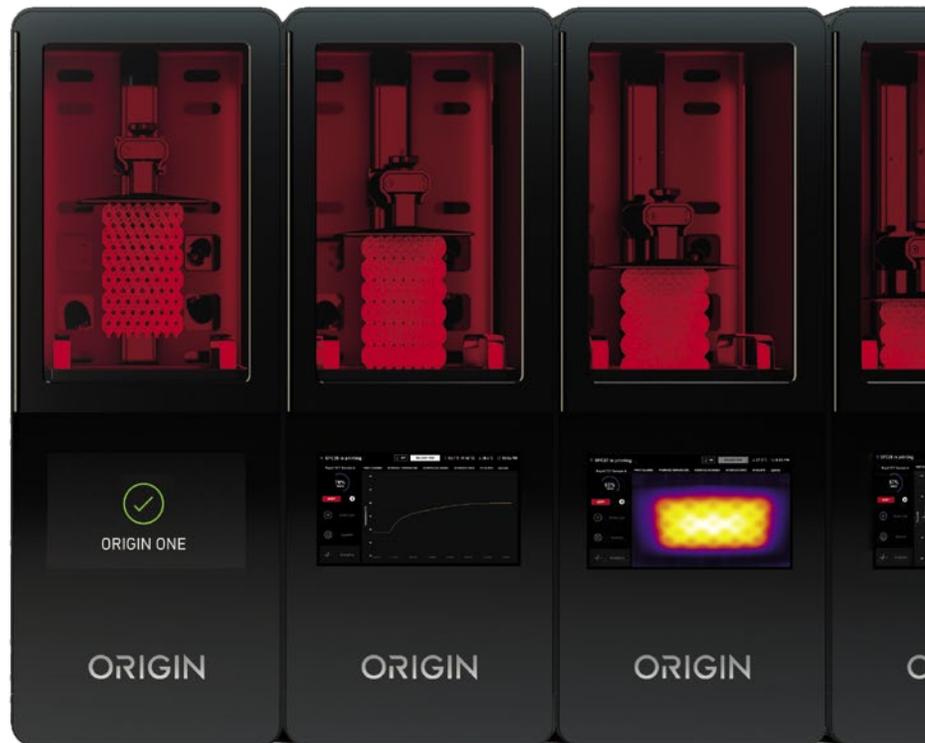
Scale up production with modular hardware, and post-process in minutes versus hours to produce end-use parts. No polishing, baking, or dyeing required.

Big Build, Small Footprint

The optimized build volume (192x108x350 mm), compact footprint (400x450x1100 mm), and minimal power requirements enable manufacturers to efficiently maximize production capacity per sq ft.

Production Monitoring

Responsive algorithms continuously monitor prints with computer vision and sensors to provide in-process QA, alerting you to potential issues and enhancing production efficiency. One operator can manage a complex fleet to produce thousands of parts a day without the need for external automation.



World class materials from our open network of material partners.

Choose from the widest range of commercial-grade materials in additive today.



Resilient Elastomers

Flexible materials with elongation at break above 300%



Biocompatible Materials

True silicones and rigid materials that have completed cytotoxicity, irritation and sensitization testing



Optically Clear Materials

High resolution clear materials with print appearance transparency above 90%



Tough Polymers

Materials with UTS above 100 MPa, impact resistance higher than 100 J/m and UV stability that stands up over time

We provide tools to quickly develop and validate new materials for Origin. All of our partners' materials are engineered to be easy to handle, fast printing, rapidly post-processed, and exhibit extended shelf life.

ORIGIN

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