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Origin Cure™

Control accuracy,
repeatability and
part properties
during curing

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The Origin Cure™ system is engineered to lock in accuracy, repeatability and detail of your Origin® printed parts.
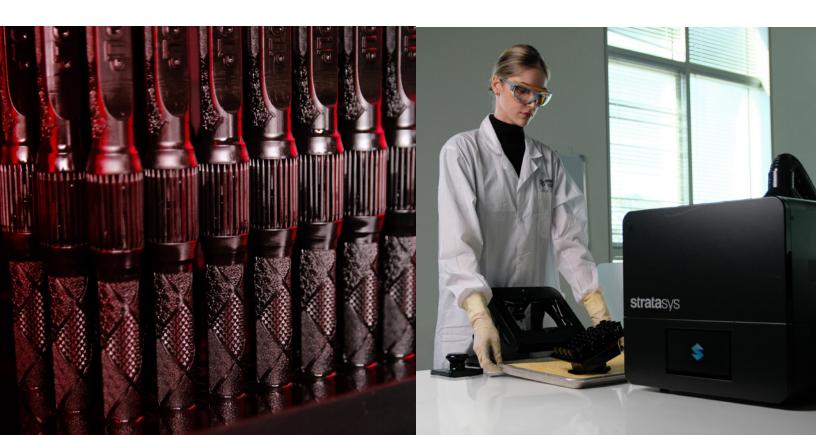
It does this via a sophisticated curing process that maintains the exacting dimensions and complex features of green state parts. A 360-degree, multi-wavelength and high-intensity LED cure ensures uniformity and upholds the intricate design elements.

The 360-degree cure eliminates the need for part flipping and reduces cure time, significantly lowering total time-to-part while increasing throughput with the Origin printer and Origin Cure solution. This not only reduces cost per part but also ensures greater part repeatability, simplifies use of the system, and frees up engineers and technicians for more valuable tasks.

Ease of use is a cornerstone of the Origin Cure system, featuring predefined programmable cure profiles that are specific to each material, reducing the potential for human error.

Origin Cure's custom built LED panels boast a >5,000-hour lifespan, for low maintenance and a curing process that you can rely on time and time again.

Safety interlocks are in place to protect operators, providing peace of mind that goes hand in hand with Origin's advanced capabilities. Origin Cure works in tandem with Stratasys' ProAero™ filtration unit to effectively manage and contain any volatile organic compounds (VOCs), making it the only VOC protected curing solution in its segment, for a safer working environment.

Benefits

Experience a reliable, controlled, and simple workflow while improving the accuracy of your original print.

The Origin printer and Origin Cure solution brings together a range of features and benefits that highlight its superior performance in 3D printing and post-processing.

Maintain Accuracy and Repeatability

Origin Cure maintains the accuracy of your parts as they come off the printer. Using Origin Cure in combination with your Origin printer allows for repeatable end-use production parts.

Improved Safety Measures

ProAero venting technology ensures clean operation, maintaining air quality in the work environment.

Safety and Compliance

Meeting NRTL standards, the system prioritizes safety and compliance within the manufacturing workflow.

Reliable and Controlled Curing Process

The programmable LED adjustment ensures that your parts are cured consistently within specification, across the system's lifetime.

High Throughput

A 360-degree and full build volume curing, and a faster, no-flip process results in a more streamlined and time-saving post-processing, ensuring that production remains both efficient and reliable.

More Consistent and Dimensionally Stable Parts

The 360-degree curing and uniform light intensity guarantees that the green state tolerances of your prints are maintained.

Easy to Use

The 360-degree curing process eliminates the need for flipping parts over to achieve proper cure on all sides. The programmable mechanism with multiple wavelengths provides more control of the material properties. Pre-programmed cure profiles per material allow for easy, one-click operation. Users with OpenAM™ License have the option to create their own curing programs for more control.

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BROCHURE
P3™ DLP