

# L1 Production Solution for Clear Aligner Models

The L1 Production Solution is a transformative factory-in-a-box for producing clear aligner models. Built around the new L1 printer, dental labs needing high-volume model production for clear aligner thermoforming will benefit from the fully integrated Carbon software, custom lab components and validated workflow.

## 30 Models in 35 Minutes

The L1 Production Solution offers exceptional throughput. Print an entire case—30 models in just 35 minutes.

**Solvent-Free** cleaning for easy post-processing and resin reclamation.

**Yield** >99% for clear aligner models.

## Precision in every build

Accuracy & repeatability over the entire build platform: comparing the original STL file to the fully processed model, 90% of points on a part are within +/-100um.

## Integrated Software Workflow

Process incoming models and perform auto-nesting of your models. Easy auto-queuing of print jobs, fleet status, and analytics.

## Unparalleled Customer Satisfaction

With an NPS of 89, the Carbon Platform provides all inclusive concierge-level support including training for the entire lab team and a dedicated experts to ensure your lab's success.



## Workflow from Resin to Models in Less than an Hour



Print



Spin



Cure



Model

## FACTORY-IN-A-BOX

### Hardware

- 5x the build area of an M2 printer, for 800–1,000 models per day
- Solvent-free cleaning for easy post-processing and resin reclamation
- All hardware validated for efficient production

### Materials

- DPR 10 is a proven resin used for hundreds of thousands of models today
- Accurate models across the build area, on every print
- Tuned workflow minimizes wasted resin

### Software

- Includes software for automatic batching, packing, and queuing
- Constantly improves via over-the-air updates
- Track case data easily with integrated data collection
- Maximize production with integrated, scalable fleet monitoring

### Support & Training

- On-site training for a fast start
- Track employee training and compliance
- Avoid unplanned downtime with predictive maintenance
- Connected support enables rapid remote troubleshooting

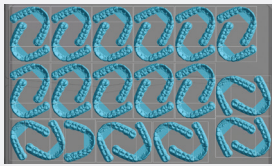
**Carbon**<sup>®</sup>

## Carbon L1 Production Solution for Clear Aligner Models

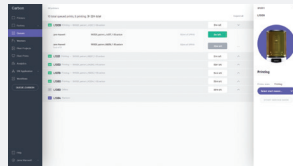
Optimize orthodontic model production with a completely digital production solution. Automate common workflows, manage incoming cases, auto-nest and pack the build platform. Integrated software provides auto-queuing across a fleet of printers, real-time fleet status and real-time analytics.

### Integrated, Optimized and Validated Custom Workflow for the L1 Production Solution

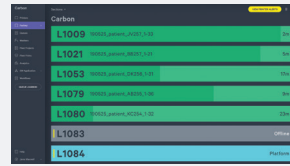
Process thousands of incoming models per day



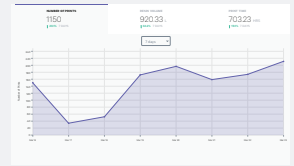
Auto Nesting and Packing



Auto-Queuing Across Fleet



Up-to-date Fleet Status



Real-time Analytics

The L1 Production Solution is designed to scale to many tens of thousands of orthodontic models per day. As more printers are added to the fleet, the supporting components can be added as needed.

## Carbon Production Solution — Made to Scale

### Scalable End-to-End Manufacturing Solution



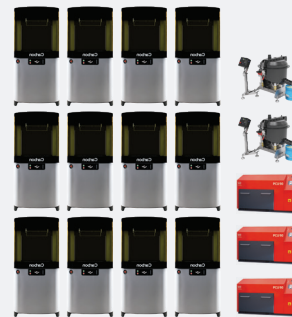
1K models/day



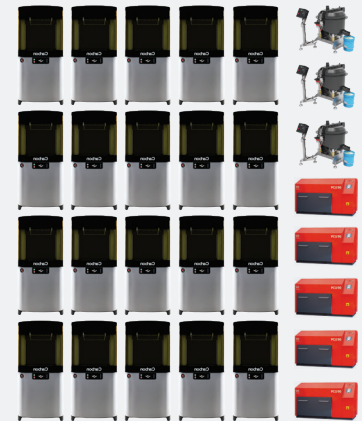
2K models/day



5K models/day



10K models/day



100K models/day

**“The subscription model is beneficial as we are able to make payments over time versus one large capital investment. This enables us to keep costs down and allows for the flexibility to add more printers as the division grows.”**

— NICK WINDLOW

Director of Business Development, *Smile Shapers*

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