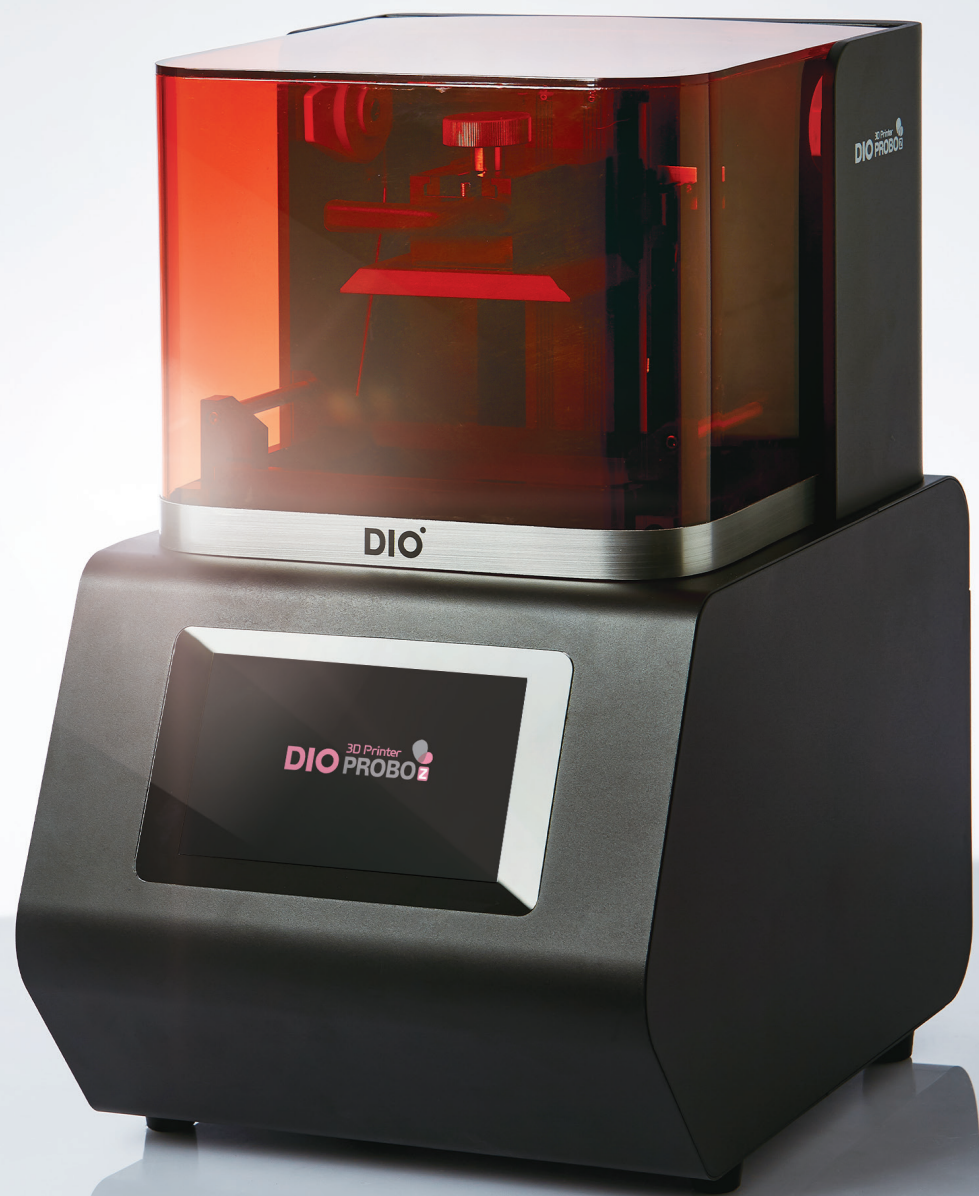


Unstoppable  
Performance Evolution

# DIO PROBO Z





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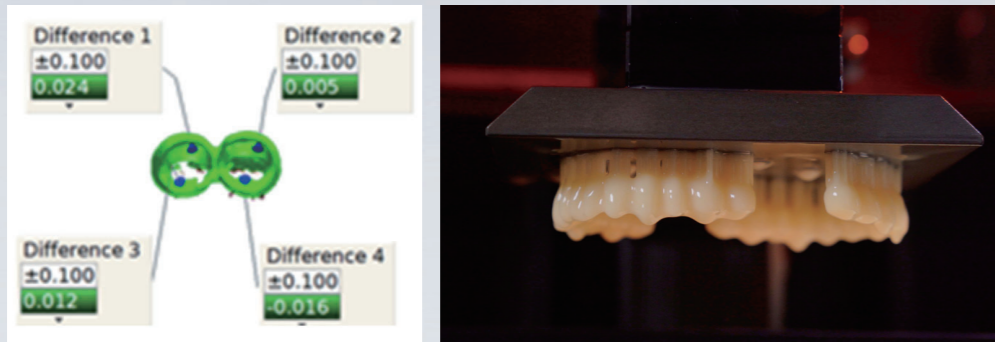


# Faster Speed and Higher Precision

## DIO PROBO Z

Meet the most detailed output possible with a 3D printer.

Faster and more powerful DIO PROBO Z shows top performance out of all other printers on the market.



Green part  $\pm 50\mu\text{m}$

Specially designed to work with DIO's proprietary printing materials

DIO's new dental 3D printer PROBO Z and accompanying software are optimized for manufacturing prostheses.

16% increase in printing speed with the new engine

DIO's new PROBO Z shows improved performance of 16% increase in printing speed compared with the original PROBO, featuring precision degree of less than  $\pm 50\mu\text{m}$  and Full HD (1920 x 1080) quality DLP. A single container of the material produces up to 1,000 prostheses.

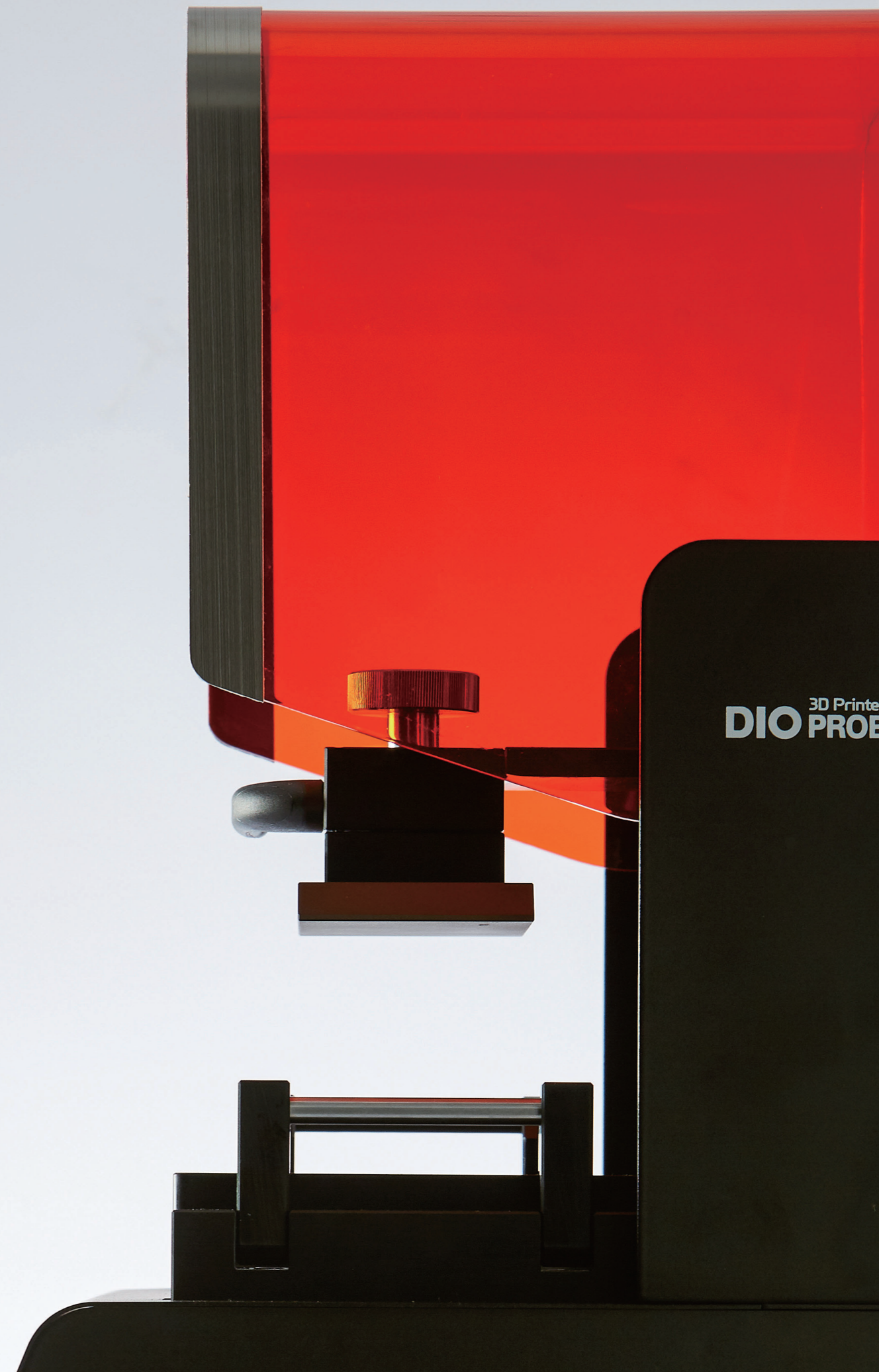
High-quality prosthesis printed with increased details in printing

Using DIO's proprietary printing materials\*, batch printing speed is exceptionally fast for even more efficient production in the clinic.

\*14 minutes using "DIOnavi-C&B" and 25 minutes using "DIOnavi-P. MAX" for batch printing 40 single crowns.

User-friendly design

The intuitive UI and touch screen increased user convenience. DIO PROBO Z can be used easily by anyone in the clinic.

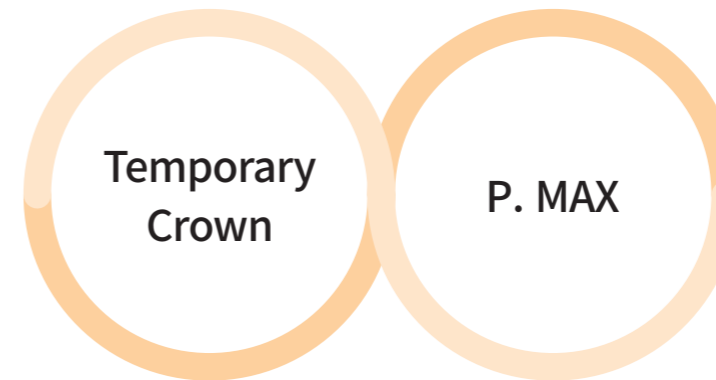












# Smaller and Lighter DIO PROBO Z SPECIFICATION



## Printer Optimized for Printing Prostheses

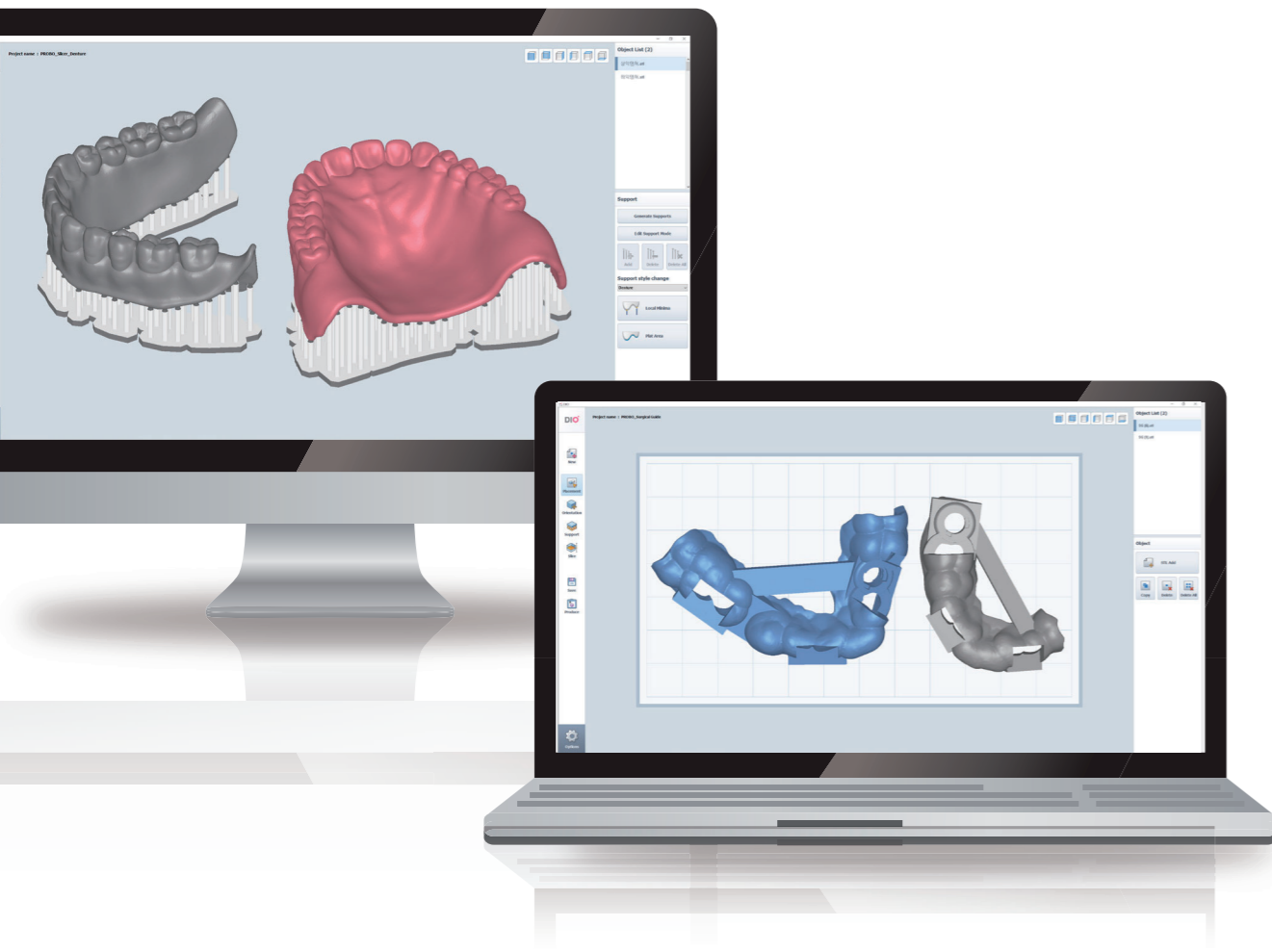


## Specification

	<b>Dimension</b> 300x378x484mm		<b>Light Wavelength</b> 405nm
	<b>Weight</b> 20kg		<b>Build Volume</b> 105.6x59.4x80mm
	<b>Type</b> DLP		<b>XY Resolution</b> 55µm
	<b>Touch Screen</b> 7inch		<b>Layer</b> 25, 50, 100µm



# Easier to use, DIO PROBO Z **SLICER SOFTWARE**



## **Optimized for DIO PROBO Z**

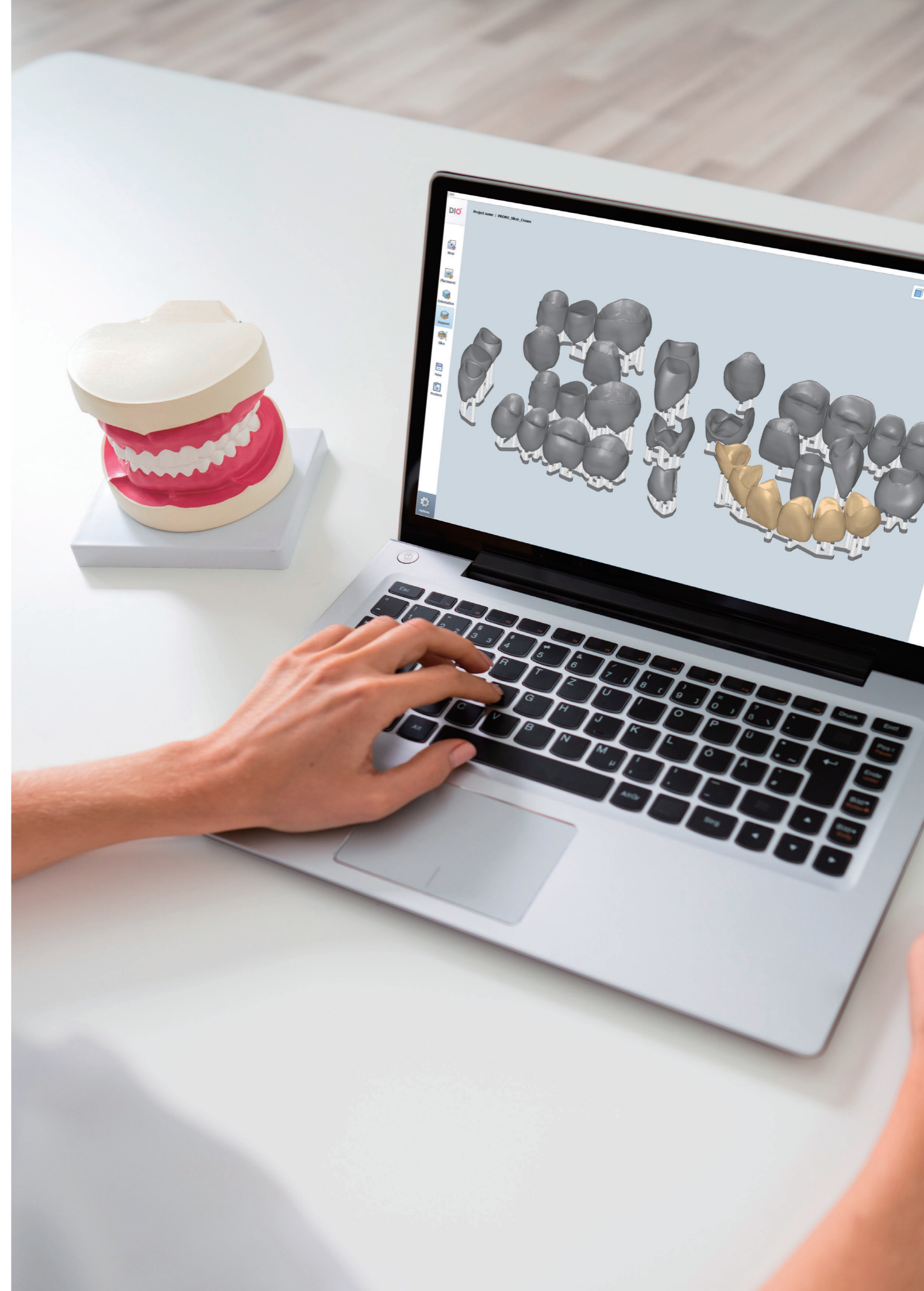
Independently developed slicing software optimized for DIO PROBO Z.

## **Short Working Time**

Fast data processing with simple operation.

## **An Automated Workflow with Maximized Efficiency**

The location and the direction of the output and the supports are auto-generated by the system.





# Upgraded Dual Light Source DIO PROBO Cure2

(Introducing the 3D printer curing machine)



## Larger capacity

## 405 nm LED wavelength

## Double sided curing

The new DIO PROBO Cure 2 introduces a double sided curing for more effective outcome to improve the prosthesis production process. Compared with the original curing machine, PROBO Cure 2 features a 16% stronger dual LED light sources with increased luminous intensity and uniformity.

## LED power level setting


## Enables curing time control


The LED Power level can be set from level 1 to 5. Curing time can be adjusted in 10-second units, so the optimal curing conditions can be matched with each material.


## Alarm function for safety


DIO PROBO Cure2 has a system that automatically stops when high temperature is detected due to LED overheating. It has a built-in alarm system that notifies the user when there is such an issue.


## Specification


 **Dimension**  
249x320x216mm


 **Curing Volume**  
100x100x42mm

 **Weight**  
7.5kg

 **Light Source**  
405nm / LED

 **Light Position**  
Top / Bottom

 **Input Voltage**  
AC 100-240V, 50/60Hz

 **Power Consumption**  
160W

**DIO** IMPLANT  
[www.dioimplant.com](http://www.dioimplant.com)