

Unstoppable
Performance Evolution

DIO PROBO Z



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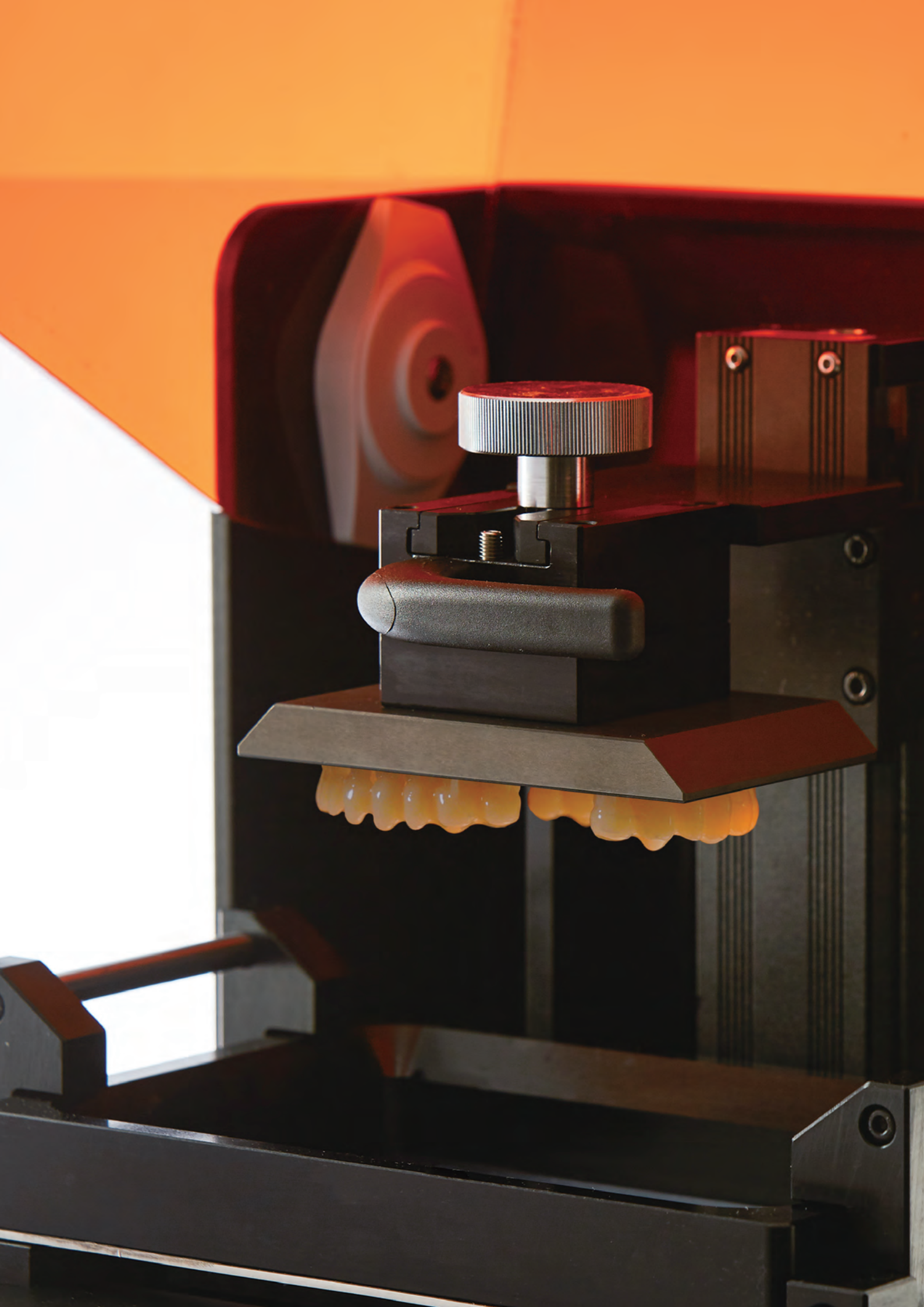
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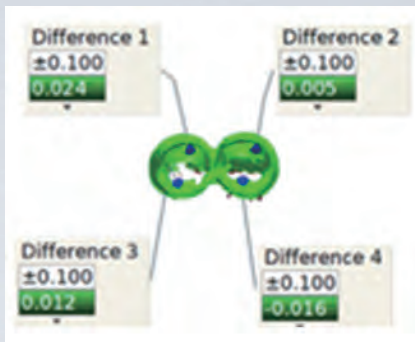


Faster Speed and Higher Precision

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

High-quality prosthesis printed with increased details in printing

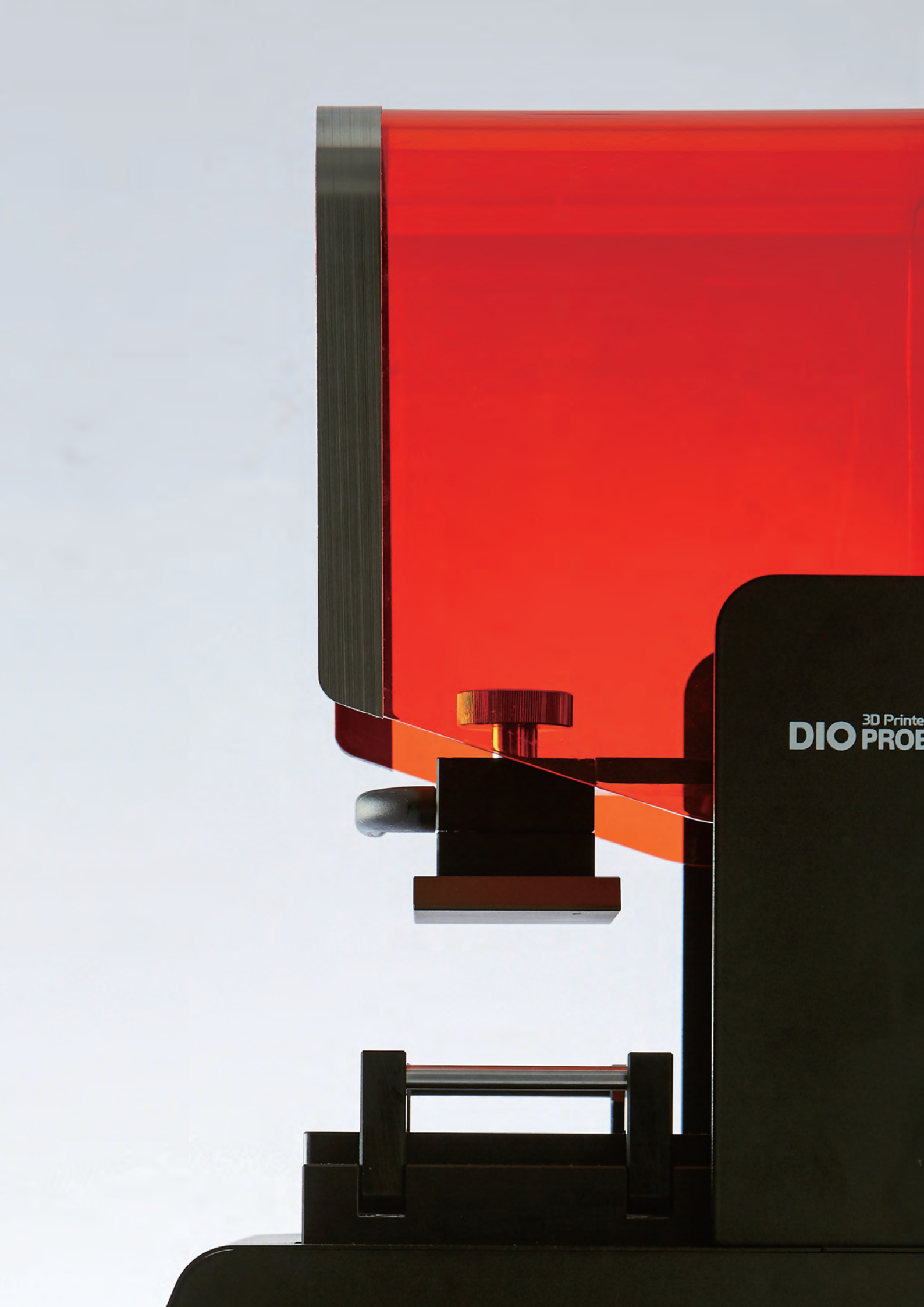
DIO's new PROBO Z shows improved performance of 16% increase in printing speed compared with the original PROBO, featuring precision degree of less than $\pm 50\mu\text{m}$ and Full HD (1920 x 1080) quality DLP. A single container of the material produces up to 1,000 prostheses.

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.

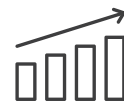


3D Printer
DIO PROE

Smaller and Lighter

DIO PROBO Z

SPECIFICATION



Higher quality
and accuracy



Protects user's
eyes and resin

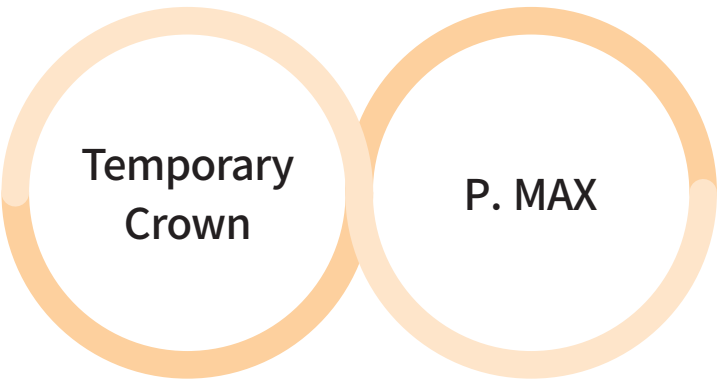


Touch screen



Smaller and
lighter exterior

Printer Optimized for Printing Prostheses



Specification



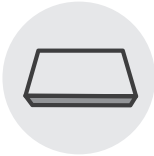
Dimension
300x378x484mm



Light Wavelength
405nm



Weight
20kg



Build Volume
105.6x59.4x80mm



Type
DLP



XY Resolution
55µm

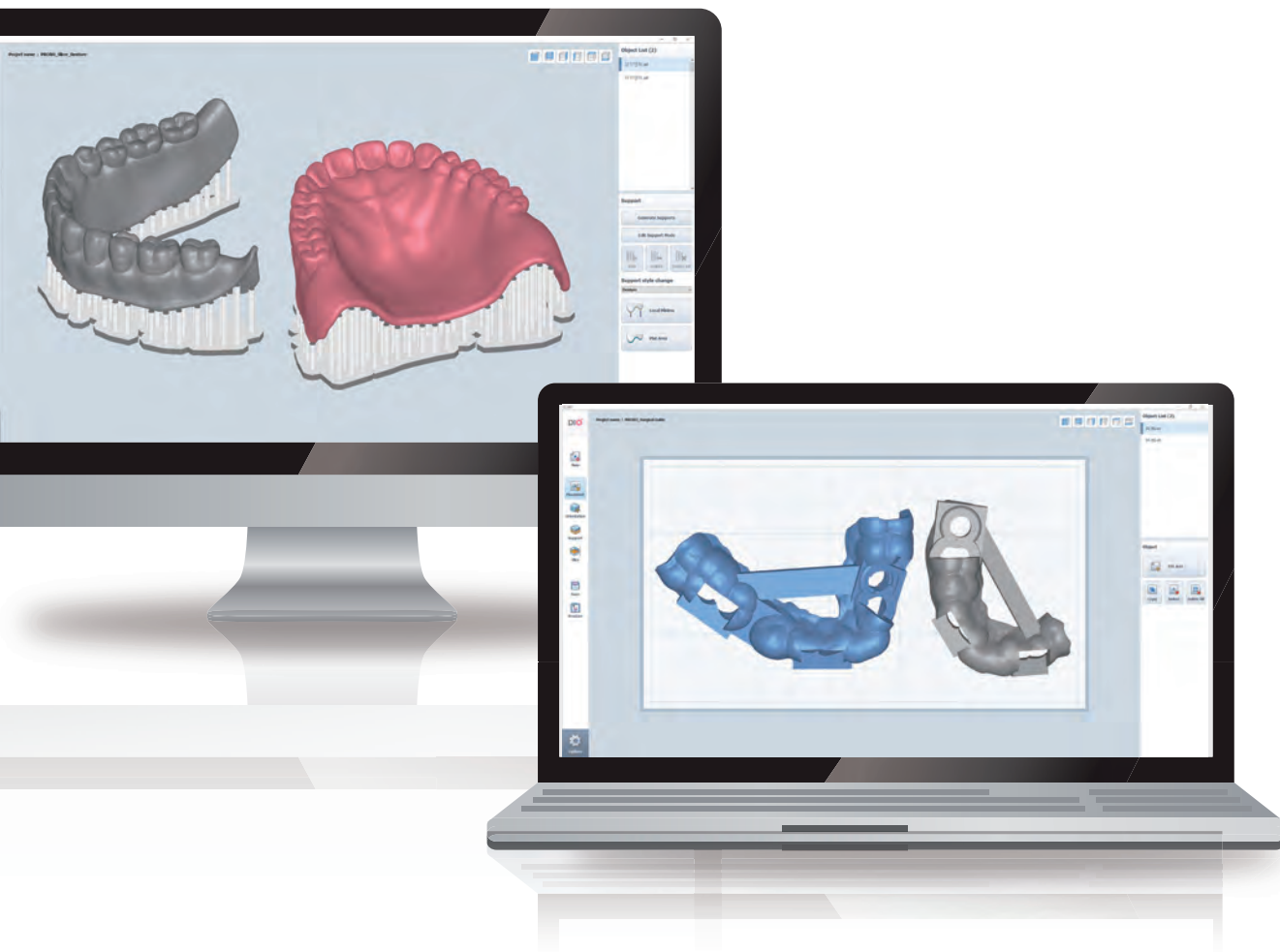


Touch Screen
7inch



Layer
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**

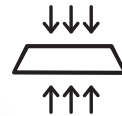
(Introducing the 3D printer curing machine)



Touch screen



Setting temperature,
time, and curing level



Curing the upper and
lower part at the same time



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.

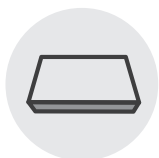
Specification



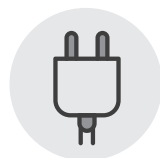
Dimension
249x320x216mm



Light Position
Top / Bottom



Curing Volume
100x100x42mm



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



Weight
7.5kg



Power Consumption
160W



Light Source
405nm / LED

