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High Speed UV Curing Machine

1~5 min

Curing time was reduced to 5 minutes or less
The higher light power, the shorter curing time.

All-round curing

UV lamps are equipped on a six sides chamber, furthermore, mirror surfaces are applied on top and bottom to reflect UV light to achieve fast, uniform and fully post curing.

365/385/405 nm

Available for post-curing of various resins at the same time

Nine Key Technologies Upgrade Configuration

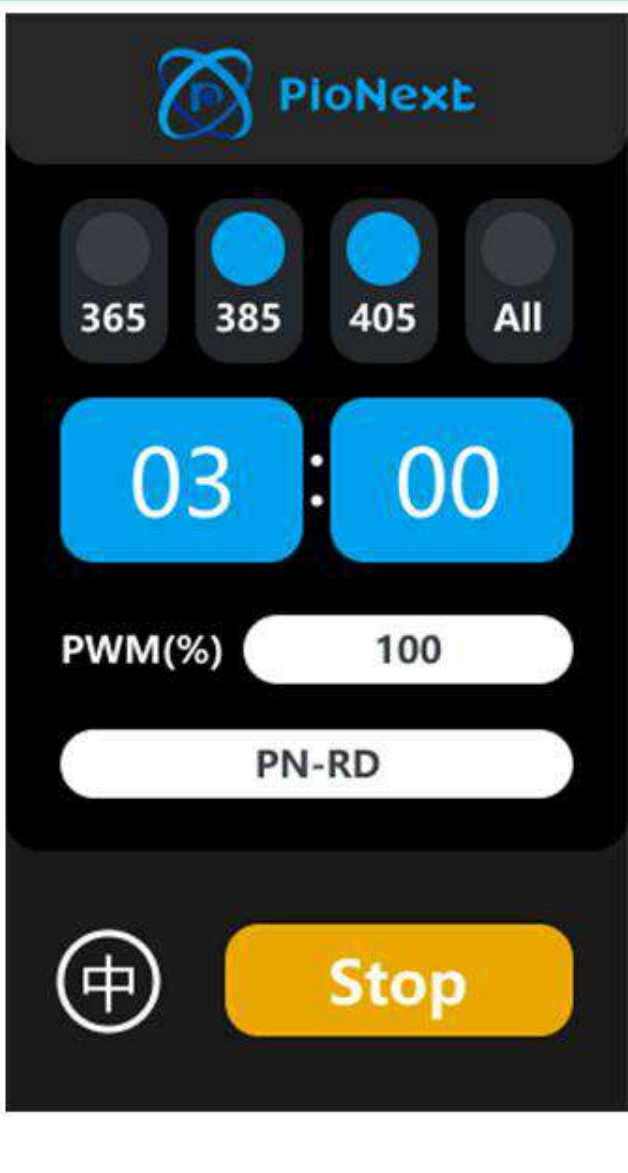
- To save curing time Generally 1-5 minutes for the process
- Adjustable light intensity to meet different curing needs
- 8 groups of data Presets and customizable cure settings
- Three-wavelength UV light work freely and independently
- All-round curing More uniform curing, less warping
- One-way mirror design Visible window + specular reflection
- Countdown Tips Adjustable from 0 -30 minutes
- Power dial Meet different voltage requirements
- Simple operation Friendly interface

Cutting-edge Efficiency Cured in Three Minutes

Save curing time, usually completed in 1-3 minutes
Multi-band independent control can improve the degree of post-curing.

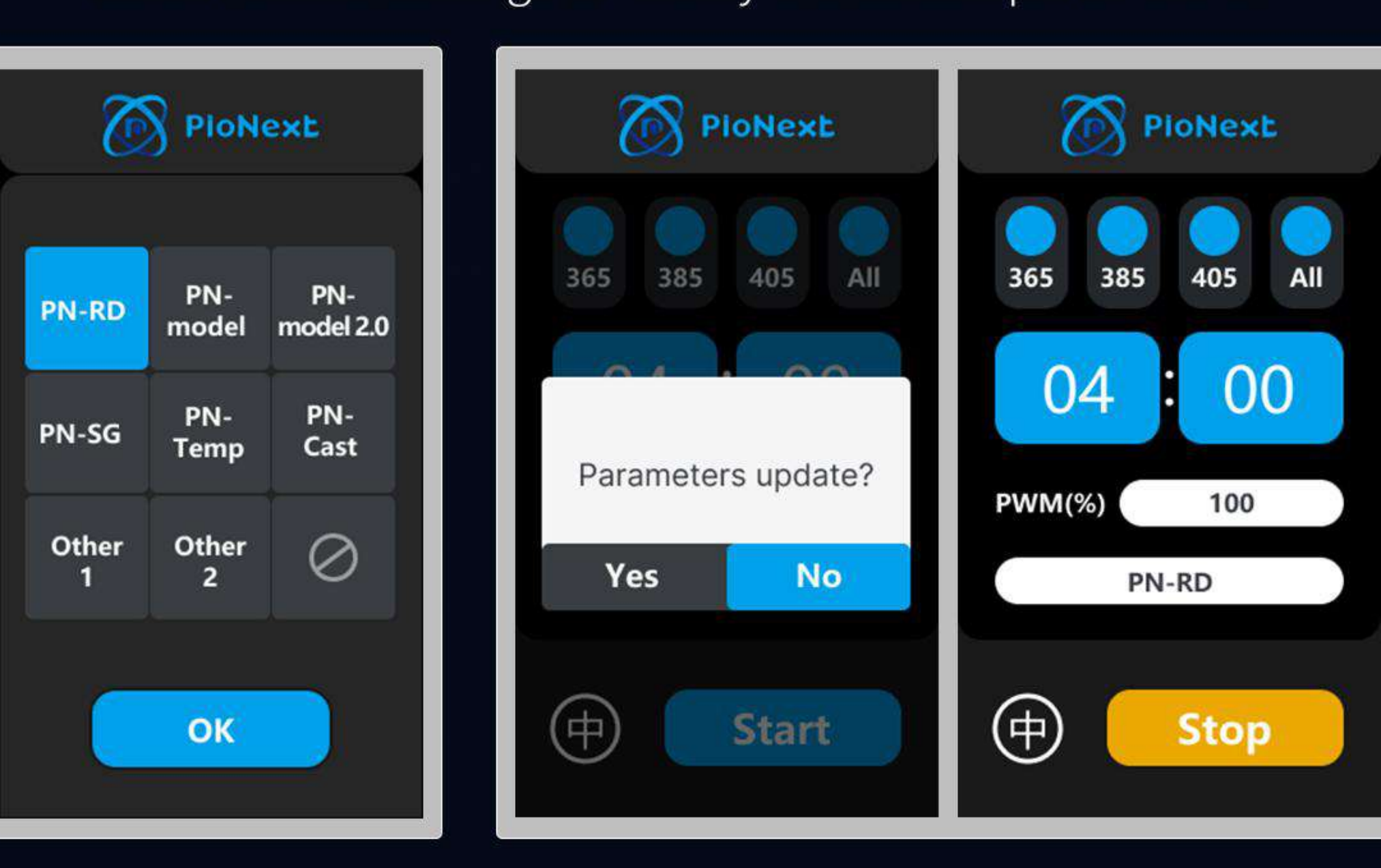
UV02 Recommended Curing Parameters

PN-model	385、405nm	100%	2(1-5)min
PN-model2.0	385、405nm	80%	2(1-5)min
PN-RD	385、405nm	100%	3(2-8)min
PN-SG	385、405nm	80%	3(1-8)min
PN-CAST	385、405nm	100%	3(1-8)min
PN-WM	385、405nm	100%	3(1-5)min
PN-GM	385、405nm	100%	10s(5-30)s
PN-TEMP	385、405nm	100%	10(5-15)min
PN-Try-in	385、405nm	100%	10(5-15)min
PN-Denture	385、405nm	100%	15(10-20)min


PioNext
365
385
405
All
03
00
PWM(%)
100
PN-RD
Stop

8 Groups of Data Presets and Customizable Cure Settings

Select the parameter package you need, and you can customize the settings to modify the default parameters.


PioNext
PN-RD
PN-model
PN-model 2.0
PN-SG
PN-Temp
PN-Cast
Other 1
Other 2
OK
PioNext
365
385
405
All
Parameters update?
Yes
No
Start
PioNext
365
385
405
All
04
00
PWM(%)
100
PN-RD
Stop

High Power Curing Machine D 180×H 120mm

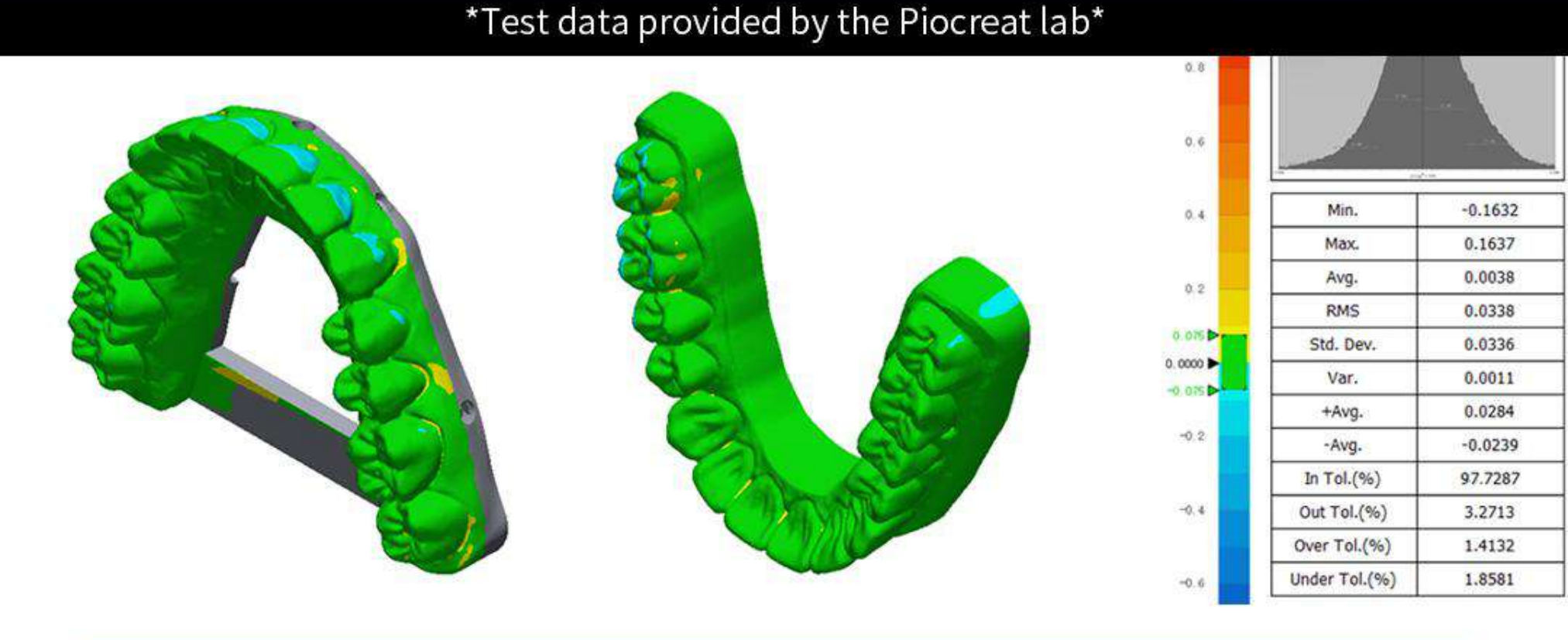
365nm, 385nm and 405nm UV light work independently which could cure different resins at the same time, and to achieve more completely post-curing .

405nm
385nm
365nm
365nm
385nm
405nm
03
16
Stop

One-way mirror design and observable window

The real-time curing situation inside the machine is observable through the window Mirror surface on the top and bottom to reflect curing light to save curing time Generally, only 1-5 minutes is enough for the post-curing process

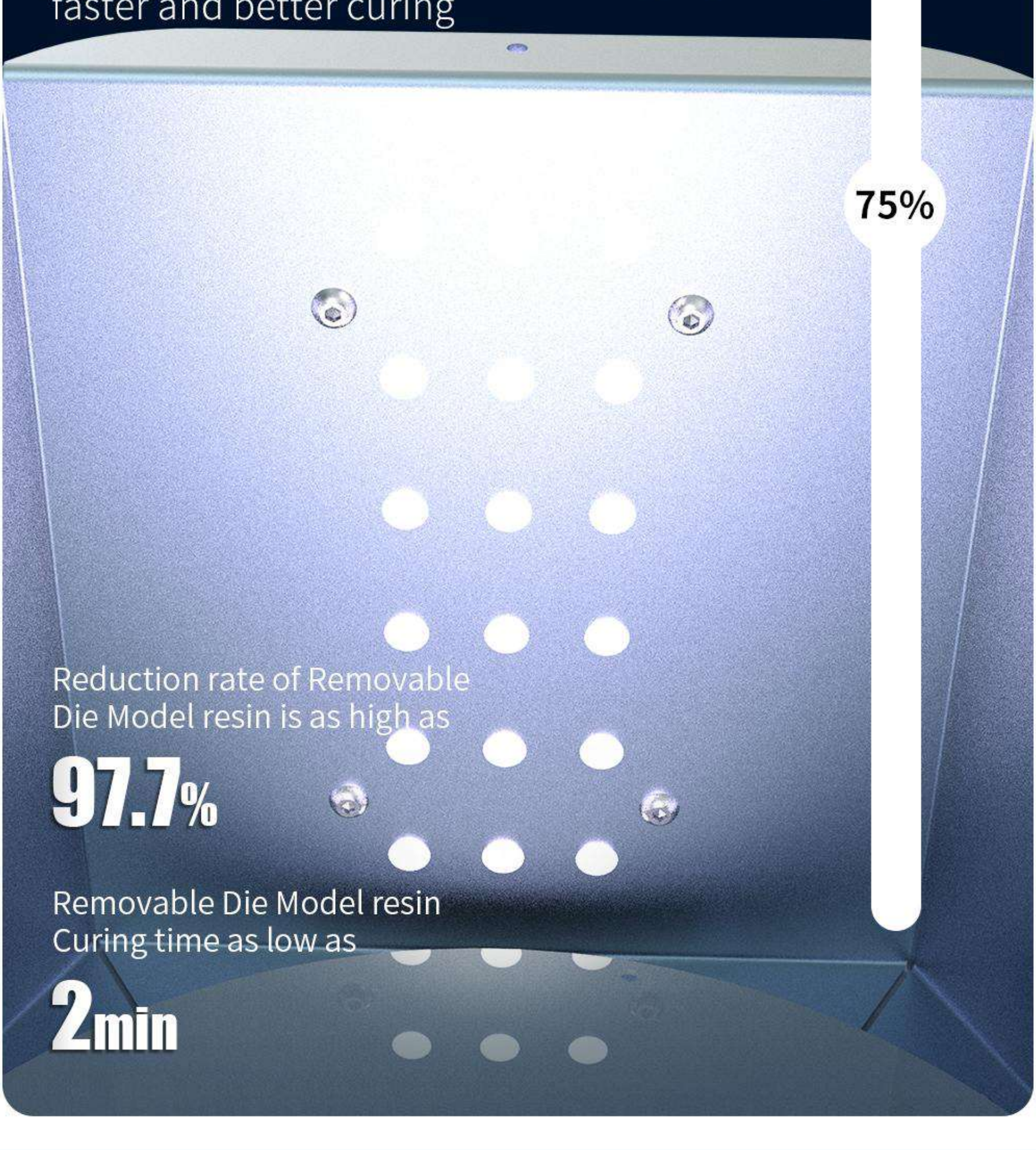
- Saves curing time
- One-way mirror design
- All-round curing



Test data provided by the Piocreat lab

Light power of panel is adjustable

To meet different requirement of light power, faster and better curing



Reduction rate of Removable Die Model resin is as high as

97.7%

Removable Die Model resin Curing time as low as

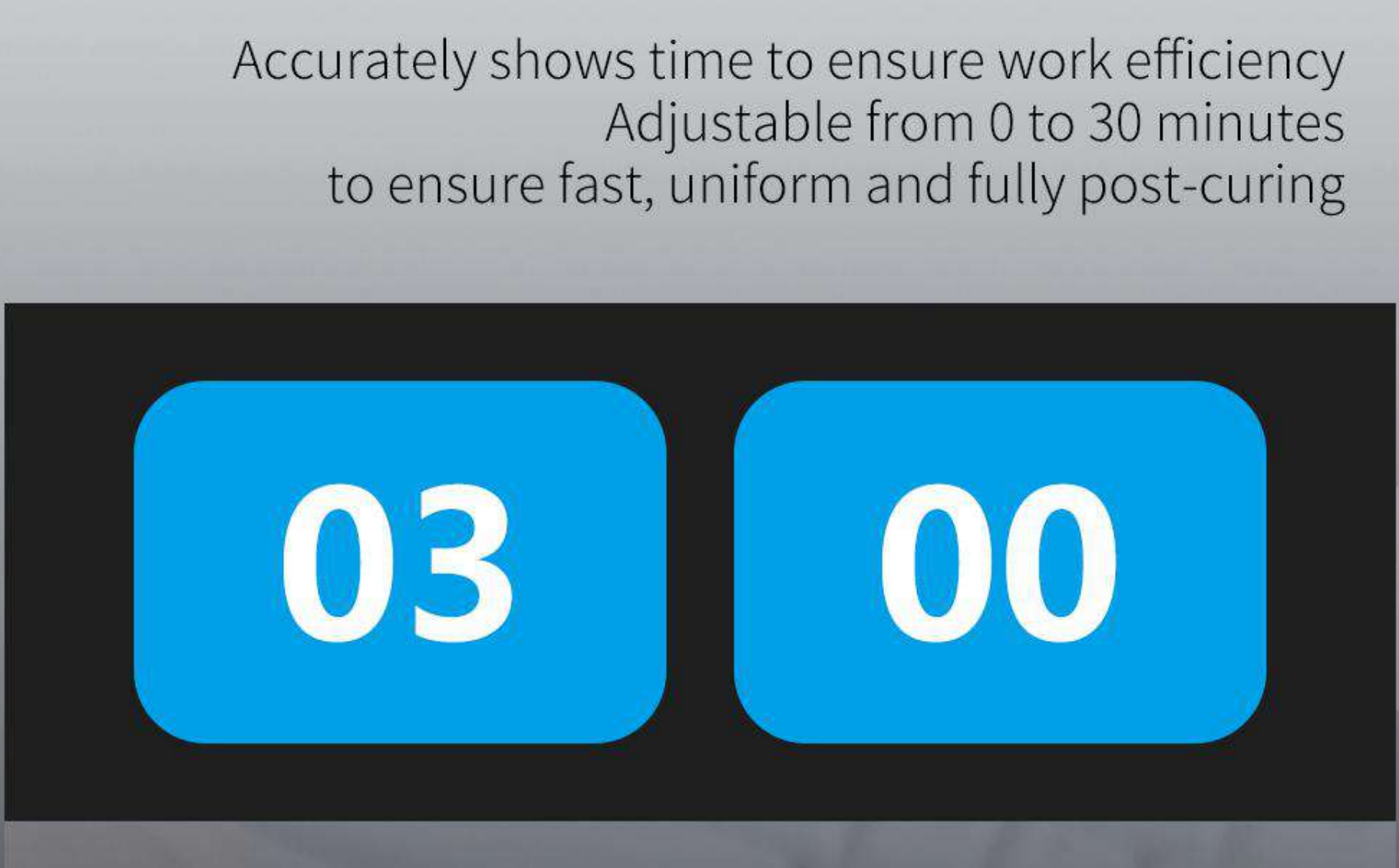
2min

Intelligent identification of opening and closing cover

- Anodized metal plate is applied on the body to achieve excellent anti-corrosion performance, easy to clean.
- The curing process will stop automatically if the cover is opened during the curing process to prevent damage to human eyes and skin caused by high-power ultraviolet light of high-power ultraviolet light to human eyes and skin.

Digital countdown

Accurately shows time to ensure work efficiency
Adjustable from 0 to 30 minutes
to ensure fast, uniform and fully post-curing



Adaptable to different voltages

115V and 230V is adjustable by the power dial to work with power supply in different countries in the world.

115/230V is selected by switch. Before power on please check input voltage avoiding damage
115V
230V
115V
230V
AC 110V/220V

Simple operation, one-button start

Touch sensor buttons, LED high-definition LCD display, simple, convenient and sensitive

PioNext
365
385
405
All
03
00
PWM(%)
100
PN-RD
Start

The role of secondary curing

Smoother surface | Stronger models | More stable in size

Before curing

VS

After curing

UV02 Parameters

High Power UV Curing Machine

G.W.	14KG
N.W.	11KG
Cured Size	(D×H) 180×120mm
Machine Size	366×300×250mm
Package Size	464×386×334mm
Way to Control	Touch Control, LED Display
Rated Power	360W
Rated Voltage	AC 110/220V
Optional Curing Time	0-30min
UV Lamp Wavelength	365nm/385nm/405nm
Single-side UV Lamp Power	40W