

ShapeCure Series

Multi-light and multi-angle curing for best performance of the parts

The ShapeCure series are used for final curing of printed parts from the 3D printer to obtain the best part finish. In the 3D printing process, the light curing reaction cannot be fully carried out, so it is necessary to use the high-powered special light curing equipment to do the final light curing of the 3D printed parts. The final curing process stops the photopolymers from curing in the UV light any further. Leaving the customer with a final long term use part.

The ShapeCure series includes the ShapeCure, ShapeCure mini, and ShapeCure+ models. If you have a need for final curing of photosensitive resin 3D printed parts and models and want better part performance, the ShapeCure series is the right choice for you.



Multi-light source and multi-angle curing

The ShapeCure series uses multiple LEDs arranged in an array around a turntable that supports the part for higher curing power and efficiency. 360° automatic rotation, refusing dead ends, all-round three-dimensional product drying and curing.



Compatible with RAYSHAPE resins

The ShapeCure series has built-in resins such as Basic, Functional, and Advanced, so no matter what kind of printed part model you have, you can achieve final curing in the ShapeCure series.



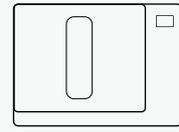
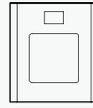
Ease of access settings

ShapeCure mini allows you to customize the curing time of the device by turning a knob, and ShapeCure and ShapeCure+ simply tap the name of the resin in front of the touch screen to start a final cure.



Various sizes for different use

ShapeCure mini for dental models and small precision parts; ShapeCure for most regular size part models; ShapeCure+ for large volume part models and also for batch curing of small to medium size parts.



ShapeCure mini

ShapeCure

ShapeCure+

Main Parameters

Curing volume	Diameter 6.29 inches × Height 6.69 inches 160mm × 170 mm	Diameter 7.87 inches × Height 11.81 inches 200mm × 300 mm	Diameter 17.32 inches × Height 15.74 inches 440mm × 400 mm
Wavelength of curing light	405 nm	405 nm	365 nm
Curing power	18 W	72 W	72 W
Curing method	Multiple light sources for 360° surround array; Internal reflection		
Compatible 3D printers	Shape 1 Series / Shape 1+ Series / Shape 1+ Dental / P200 Series / P400 Series		

Air drying

Heating power	/	248 W	600 W
Working mode	/	Hot air convection	Hot air convection

Materials

Available materials	ShapeMaterials All Series		
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Hardware

Control chip	/	STM 32 ARM chip	STM 32 ARM chip
Operation interface	/	3.5" touchscreen	3.5" touchscreen
Input	100~120 VAC, 50/60Hz 220~240 VAC, 50/60Hz (Depending on the country/region)	100~120 VAC, 50/60Hz 220~240 VAC, 50/60Hz (Depending on the country/region)	100~120 VAC, 50/60Hz 220~240 VAC, 50/60Hz (Depending on the country/region)
Rated power	25 W	320 W	Max. 700 W

Software

Curing settings	/	Programable	Programable
Firmware update	/	Via U drive	Via U drive
Language	/	English	English

Size and weight

Device size	225 × 215 × 265 mm	340 × 340 × 400 mm	720 × 510 × 530 mm
Device weight	4 kg	12 kg	26 kg
Package size	275 × 275 × 330 mm	420 × 450 × 500 mm	770 × 560 × 590 mm
Package weight	4.5 kg	14 kg	30 kg

RAYSHAPE

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