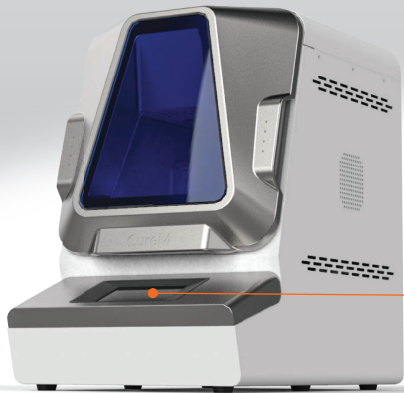


CureM

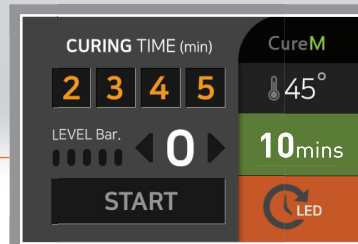
UV Curing System

Post-curing is required in order to obtain the final material properties. After 3D printing in photopolymer resin-based materials is not yet fully cured. Post-curing is necessary to reach full monomer conversion for a various purpose.

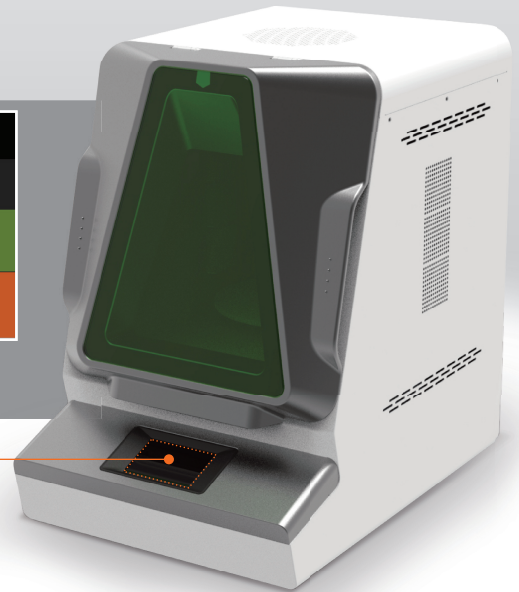
U102H(Dental)



U201H(Medium Size)



- TFT 3.5" Touch Screen
- User Friendly Interface



To maximize material properties



High Power UV intensity and irradiance



More faster Post curing (1-10mins)

Compare to
a existing curing machine
and a CureM

"The same material makes different outcome depends on what curing machine you used."



CureM

UV Curing System

CureM curing unit's necessity for 3D printed objects

- To prevent a shrinkage and discoloration / To reach full monomer conversion for a various purpose
- To obtain the optimum tensile and flexural strength

FEATURE

- Fast curing time(1-10min) using High capacity UV LED
- Adjusting LEVEL(1-5) of UV LED power for each 3D object's type
- High curing quality through 3 dimension UV irradiation
- Ensure user safety with the safe cooling system and LED's temperature
- Optimal wavelengths of 385/395/405nm based on using Polymer resin
- Enhanced intensity of UV LED by attaching low angle Lens on UV LED
- Uniformly cure 3D objects by automatic turntable
- User friendly through 3.5" Touch LCD
- For maintaining the best UV Intensity, Indicate the used time of UV LED



Properties	U201H(Medium size)	U102H(Dental)
Light Source	UV LED	UV LED
Curing Time	3-10mins	1-10mins
Input Voltage	100-240 V. 50/60Hz	100-240 V. 50/60Hz
Output Voltage	24V, 6.5A	24V, 5.4A
Display	3.5" TFT Touch LCD	3.5" TFT Touch LCD
LED Wavelength	395nm / 405nm	395nm / 405nm
LED Power Output	112W	80W
UV Energy density	80,000mJ/cm ²	120,000mJ/cm ²
Irradiance of UV	200mW/cm ²	400mW/cm ²
LED Operation Temp	5-35°C	5-35°C
Curing Chamber(Tunrtable)	180Ø, 200mm(H)	120Ø, 95mm(H)
Outer Dimension	320 × 465 × 467mm(WxDxH)	250 × 386 × 378mm(WxDxH)
Weight	12kg	9kg