

CureM

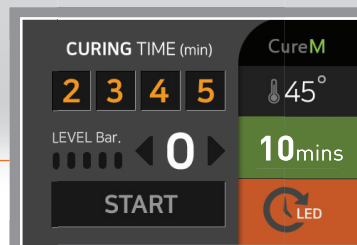
UV Curing System

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



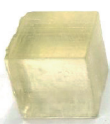
High Power
UV intensity and
irradiance



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."



Existing
curing machine



CureM



Existing
curing machine



CureM

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