

3D Print Resins

Validated Curing Units

						
Printed On	Curing Unit	Zirlux® Model Print Resin	Zirlux® Gingiva Mask Print Resin	Zirlux® Surgical Guides Print Resin	Zirlux® Nightguard & Splint Print Resin - Flexible	Zirlux® Nightguard & Splint Print Resin - Rigid
Asiga	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	*Clear: 2000 flashes per side
Asiga	A5408V Photopol	10 minutes total, full vacuum, High Power	30 minutes total, full vacuum, High Power	8 minutes total, full vacuum, High Power	20-30 minutes total, full vacuum, High Power	10-20 minutes total, full vacuum, High Power
Asiga	Uvitron Intelliray 400w	2 minutes per side	2 minutes per side	150 seconds per side @ 50% intensity	N/A	90 seconds per side
Asiga	Uvitron Intelliray Quad	60 seconds per side, 100%	N/A	N/A	N/A	N/A
Asiga	Meccatronicore BB Cure / Cure N	15 minutes total, 50%, 60C	10 minutes total, 50%, 60C	N/A	N/A	N/A
Asiga	Meccatronic BB Cure 3D	20 minutes total, 50%, 60C	10 minutes total, 50%, 60C	N/A	N/A	N/A
Asiga	Sprintray Procure 1	N/A	N/A	N/A	N/A	N/A
Asiga	Sprint Ray 2	N/A	N/A	N/A	N/A	N/A
Asiga	NextDent LC-3DPrint Box	N/A	N/A	N/A	N/A	N/A
Asiga	Dreve PCU LED	N/A	N/A	N/A	N/A	Clear: 10 minutes total, 90% intensity
Asiga	B9 Model Cure	N/A	1 minute per side	N/A	N/A	N/A
Asiga	Wicked Cure Box Plus	20 minutes per side at 60°C	N/A	5 minutes per side at 60°C	10 minutes total at 60°C	*Clear: 5 minutes total at 60°C
Asiga	Kulzer Hilitte	N/A	N/A	N/A	N/A	N/A
Ackuretta Technologies	Ackuretta Curie	10 minutes total, P-16 D-10 BL-ON	10 minutes total, P-16 D-10 BL-ON	5 minutes total, P-16 D-10 BL-ON	10 minutes total, P-16 D-10 BL-ON	*Clear: 10 minutes total, P-8, D-3, BL-ON
Ackuretta Technologies	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side
Ackuretta Technologies	Uvitron Intelliray 400W	2 minutes per side	2 minutes per side	2 minutes per side	N/A	N/A
Ackuretta Technologies	Ackuretta Curie Plus	10 minutes total, P-16 D-10 BL-ON	10 minutes total, P-10 D-10 BL-ON	N/A	10 minutes total, P-16 D-10 BL-ON	N/A
Anycubic	Otoflash G171	2000 flashes per side (Photon Mono M5 only)	N/A	2000 flashes per side (Photon Mono M5 only)	N/A	2000 flashes per side (6KS & M5)
Anycubic	Anycubis Wash + Cure	*Ivory: 20 minutes per side (Photon Mono M5 only) *Ivory: 30 minutes per side (Photon Mono X 6ks only)	N/A	N/A	N/A	*Clear: 20 minutes per side
Anycubic	Elegoo Mercury Plus	N/A	N/A	N/A	N/A	N/A
Anycubic	Elegoo Mercury Plus	N/A	N/A	N/A	*Tinted: 10 minutes per side (Photon Mono X 6ks only)	N/A
B9 Creations	Otoflash G171	N/A	4000 flashes per side	2000 flashes per side	N/A	N/A
B9 Creations	B9 Model Cure XL	N/A	Minutes : 10 Intensity : 16 Duty: 10	Minutes : 08 Intensity : 16 Duty: 10	N/A	N/A
Carbon	Otoflash G171	N/A	3000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side
Carbon	Uvitron Intelliray 400W	N/A	N/A	150 seconds per side @ 50% intensity	120 seconds per side	90 seconds per side
Carbon	Dreve PCU 90	N/A	8 minutes total, 80%	N/A	15 minutes per side	10 minutes per side + N2
Carbon	Dreve PCU LED	N/A	8 minutes total, under N2, 80% intensity	8 minutes total, under N2, 90% intensity	32 minutes total, 90% intensity	*Clear: 8 minutes total, under N2, 90% intensity
Dekema	Uvitron Intelliray 400W	2 minutes per side	2 minutes per side	N/A	N/A	N/A
Dekema	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	N/A	N/A
Desktop Health	Nexa Xcure	N/A	20 min @60C	N/A	N/A	N/A
Desktop Health	Otoflash G171	N/A	2000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side
Desktop Health	Uvitron Intelliray 400W	N/A	N/A	2 minutes per side	N/A	N/A
Desktop Health	Dreve PCU LED	N/A	8 minutes total @90%	N/A	N/A	N/A
Desktop Health	Wicked Cure Box Plus	N/A	10 minutes total @60C	N/A	N/A	N/A
Desktop Health	Sprint Ray Procure2	N/A	Zone A 1:50	N/A	N/A	N/A
Elegoo	Otoflash G171	*Ivory: 2000 flashes per side *Light Grey: 2000 flashes per side	2000 flashes per side	N/A	2000 flashes per side	N/A
Elegoo	Ackuretta Curie Plus	N/A	N/A	N/A	N/A	N/A
Elegoo	Elegoo Mercury Plus	*Ivory: 30 minutes per side *Light Grey: 30 minutes per side	10 minutes per side	10 minutes per side	10 minutes per side	*Clear: 10 minutes per side
Elegoo	Phrozen Wash & Cure	*Ivory: 30 minutes per side *Light Grey: 30 minutes per side	N/A	N/A	N/A	N/A
Elegoo	Shining Fabcure 2	*Ivory: 30 minutes total, 60C *Light Grey: 30 minutes total, 60C	N/A	N/A	N/A	N/A
Epax Dental	Otoflash G171	N/A	N/A	2000 flashes per side	N/A	N/A
Epax Dental	Epax DX Cure Pro	N/A	N/A	5 minutes per side	N/A	N/A
FlashForge	Eurolight	N/A	7 minutes per side	N/A	N/A	N/A
HeyGears	Otoflash G171	N/A	N/A	N/A	2000 flashes per side	2000 flashes per side
HeyGears	UltraCraft PCU Mini w/ Chairside printers only	N/A	N/A	N/A	N/A	* Clear: 40 minutes total
HeyGears	UltraCraft PCU 2.0 w/ A2D 4K/A3D printers only	N/A	N/A	N/A	*Clear: 20 minutes total"	*Clear: 8 minutes total (A2D/CHPro), 10 minutes total (A3D)
HeyGears	UltraCraft PCU 3.0	N/A	N/A	N/A	*Clear: 20 minutes total, BL=on, SL= High, in water	*Clear: 5 minutes total (A2D/CHPro), 7.5 minutes total (A3D)
HeyGears	AirCure w/ Chairside printer only	N/A	N/A	N/A	N/A	N/A
Ivoclar	Otoflash G171	N/A	N/A	N/A	N/A	N/A
Ivoclar	Progra Print Cure	N/A	N/A	N/A	N/A	N/A
LuxCreo	Otoflash G171	N/A	N/A	2000 flashes per side	N/A	N/A
LuxCreo	Uvitron Intelliray Quad	N/A	N/A		N/A	N/A
LuxCreo	iLuxCure Dental	N/A	N/A	N/A	N/A	N/A
LuxCreo	iLuxCure Pro	N/A	N/A	N/A	N/A	N/A
MIICRAFT	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	N/A	N/A
MICROLAY	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	N/A
Nexa 3D	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	N/A
Nexa 3D	Nexa3D xCure	45 minutes total	30 minutes total	30 minutes total	20 minutes total @ 60C	*Clear: 10 minutes total, 60C
Nexa 3D	NEXa3D XIP Wash + Cure	15 minutes per side	20 minutes per side	10 minutes per side	30 minutes per side	N/A
Phrozen	Phrozen Cure	20 minutes per side	20 minutes per side	20 minutes per side	40 minutes per side	*Clear: 10 minutes per side
Phrozen	Otoflash G171	2000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side
Phrozen	Uvitron Intelliray 400W	2 minutes per side	2 minutes per side	N/A	N/A	N/A
Phrozen	Uvitron Intelliray Quad	60 seconds per side, 100%	N/A	N/A	N/A	N/A
Phrozen	Ackuretta Curie Plus	N/A	N/A	N/A	*Clear: 10 minutes total	N/A
Phrozen	SprintRay Procure 1	N/A	N/A	N/A	N/A	N/A
Phrozen	Wicked Cure Box Plus	N/A	N/A	N/A	N/A	N/A
Phrozen	Meccatronicore BB Core/Cure N	15 minutes total, 50%, 60C10 minutes total, 50%, 60C		N/A	N/A	N/A
Phrozen	Shining 3D Fab Cure 2	N/A	N/A	N/A	N/A	N/A
Phrozen	Meccatronicore BB Core 3D	20 minutes total, 50%, 60C	10 minutes total, 50%, 60C	N/A	N/A	N/A
Phrozen	A5408V Photopol	10 minutes total, full vacuum, High Power	30 minutes total, full vacuum, High Power	8 minutes total, full vacuum, High Power	20-30 minutes total, full vacuum, High Power	10-20 minutes total, full vacuum, High Power
Phrozen	Phrozen Wash & Cure	N/A	10 minutes per side	10 minutes total	*Clear: 10 minutes per side	20 minutes per side
PLANMECA	Otoflash G171	N/A	N/A	2000 flashes per side	2000 flashes per side	2000 flashes per side
PLANMECA	Dreve PCU LED	N/A	N/A	10 minutes total, 90%	*Clear: 12 minutes total, 80% intensity	N/A
RapidShape	Otoflash G171	2000 flashes per side	4 minutes total	30 minutes total, 25C	N/A	5 minutes total
RapidShape	Rapid Shape RS Cure	6 minutes total	4000 flashes per side	2000 flashes per side	N/A	2000 flashes per side
RayShape	Otoflash G171	*Ivory: 2000 flashes per side *Light Grey: 2000 flashes per side	N/A	2000 flashes per side	*Clear: 2000 flashes per side	*Clear: 2000 flashes per side
RayShape	ShapeCure	*Ivory: 40 minutes total, 25C *Light Grey: 40 minutes total, 25C	N/A	30 minutes total, 25C	*Clear: 30 minutes total, 25C	*Clear: 20 minutes total, 25C
Roland	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	N/A
Roland	3DXCURE	N/A	30 minutes per side	20 minutes total	N/A	N/A
Shining 3D	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	N/A
Shining 3D	Uvitron Intelliray 400W	2 minutes per side	2 minutes per side	N/A	N/A	N/A
Shining 3D	Shining 3D Fab Cure	N/A	30 minutes per side	N/A	N/A	N/A
Shining 3D	Phrozen Wash & Cure	N/A	N/A	N/A	N/A	N/A
Shining 3D	Shining 3D Fab Cure 2 + L4D printer only	20 minutes total, 60C	10 minutes total, 60C	N/A	10 minutes total, 60C	10 minutes total, 60C
Shining 3D	Meccatronicore BB Cure N	N/A	N/A	6 minutes total, 50% 60C	N/A	N/A
Sisma	Otoflash G171	*Ivory: 2000 flashes per side *Light Grey: 2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	N/A
Sisma	Uvitron Intelliray 400W	*Ivory: 2 minutes per side *Light Grey: 2 minutes per side	N/A	150 seconds per side (50% intensity)	N/A	N/A
Sisma	Sisma Evers Curo	*Ivory: 10 minutes per side *Light Grey: 10 minutes per side	10 minutes total	15 minutes total	*Clear: 40 minutes total	*Clear: 5 minutes total
Sprint Ray	SprintRay Pro Cure	30 minutes total at 50C	15 minutes total at 50C	45 minutes total at 50C (Sprintray Pro only)	30 minutes total at 50C	*Clear 15 minutes total at 50C
Sprint Ray	SprintRay Pro Cure 2	N/A	Zone A: 7:12, Center: 5:22, Zone A+B: 9:47	Zone A: 1:50, Center: 1:22, Zone A+B: 2:29	Zone A: 3:37, Center: 2:42, Zone A+B: 4:55	*Clear: Zone A: 1:50 , Center: 1:22, Zone A+B: 2:29
Sprint Ray	Otoflash G171	2000 flashes per side	4000 flashes per side	2000 flashes per side	2000 flashes per side	2000 flashes per side
Sprint Ray	Uvitron Intelliray 400W	2 minutes per side	2 minutes per side	N/A	N/A	N/A
Stratasys	Otoflash G171	N/A	4000 flashes per side	2000 flashes per side	N/A	N/A
Stratasys	Uvitron Intelliray 400W	N/A	2 minutes per side	2 minutes per side	N/A	N/A
Stratasys	Dreve PCU LED	N/A	8 minutes total	8 minutes total	20 minutes total, 80%	8 minutes total, 80%
Stratasys	Wicked Cure Box Plus	N/A	10 minutes total	10 minutes total, 60C	20 minutes total, 60C	N/A
UNIZ	Otoflash G171	N/A	N/A	N/A	N/A	N/A
UNIZ	CureM U102H	10 minutes per side	N/A	N/A	N/A	N/A
W2P	Otoflash G171	N/A	4000 flashes per side	2000 flashes per side	N/A	N/A
Zortrax	Otoflash G171	2000 flashes per side	N/A	2000 flashes per side	N/A	N/A
Zortrax	Zortrax Curing Station	10 minutes per side, 60C	N/A	20 minutes total, 60C	N/A	N/A

Specially formulated for Zirlux®, tested and validated using KeyPrint® settings and workflows for seamless integration.

* Validations are done at 100% intensity unless otherwise noted
*For Uvitron 600W, same post cure settings apply at 66% intensity
*Validations are done at the lowest rack