CrossLink
Thermal Part Curing

Selected DLP materials can exhibit superior mechanical properties. For these mechanical properties to be achieved, a thermal post-cure is required to properly crosslink polymer chains. CrossLink was designed to ensure that these bonds have been achieved, and thorough validation has been performed by key material manufacturers.

CrossLink arrives pre-programmed with the thermal profile required for each validated material. The oversized interior chamber can accommodate two full Stratasys Origin One builds.



Performance	
Convection Mode	Forced Convection
Temperature Range	5°C - 300°C (41°F - 572°F)
Temperature Fluctuation	±1 in the range of 50 - 300°C
Temperature Accuracy	0.1°C (32.18°F)
Temperature Uniformity	2%
Structure	
Shell	Cold-rolled steel plate with electrostatic spray surface
Insulation Layer	High-quality rock wool board
Heater	Stainless steel electric heating tube
Power	1.2W
Exhaust Hole	φ30 mm behind (with test hole function) 50 mm test hole on the side
Controller	
Control System	Touch screen; programmable, pre-programmed
Temperature Control Method	Intelligent PID
Temperature Display Method	Measured Temperature: Top row of LED display Set Temperature: On LED numeric display Set Time: Displayed on the instrument
Timer	0 - 99 hrs. or 0 - 9999 mins.
Operating Function	Ambient Temperature: 10 - 30°C (50 - 86°F) Humidity: <70%
Sensor	pt100; Instrument has an over-temperature alarm function
Specifications	
Internal Dimensions	420 x 450 x 350 mm (16.5 x 17.7 x 13.8 in.)
External Dimensions	600 x 790 x 545 mm (23.6 x 31.1 x 21.5 in.)
Interior Volume	70L
Number of Shelves	2
Minimum Spacing Between Shelves	48 mm (1.9 in.)
Load-Bearing Capacity of Shelves	15 kg (30 lbs.)
Power	AC110V, 11A, 50 - 60 Hz
Weight	50 kg (110 lbs.)

info@onulis.com | 650.479.9894 | www.onulis.com

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