

Mono3Z2 - Panchromatic Printer

Mono3MZ2	
<input checked="" type="checkbox"/>	
Tool Type: Panchromatic Printer	
Location: Elings Hall 2417	
Manufacturer: MonoPrinter	
Principal Scientist	
Juan Manuel Urueña	
jmuruena@ucsb.edu	

About

The Mono3MZ2 panchromatic printer is a visible light printer that uses five different LED sources (365 nm (UV), 405 nm (violet), 460 nm (blue), 520 - 550 nm (green), and 620 nm (red)) to print objects from 3D models. This printer can use two different LEDs at the same time to create multilateral objects using panchromatic photopolymer resins. This range of wavelengths can improve biocompatibility, enables a greater penetration depth, and reduces scattering.

Detailed Specifications

LED intensity



Manuals

[MonoWare Job File Structure](#)

[MONO3Z2 \(2CH\) Initial Assembly & Alignment](#)

[MONO3Z4 \(4CH\) Initial Assembly & Alignment](#)

[MONO3Z Series Printer Firmware](#)

[Mono3Z First Printing](#)

[MONO3Z2 LED Swapping](#)

[MONO3Z4 \(4CH\) Printing File](#)

MONO3Z2 (2CH) Wiper & Heater

Safety Concerns

Read the manufactures manual before first use. If the Mono3Z2 acts in a way that is not described by the manual, turn off the printer and contact the principal scientist as well as Mono at info@monoprinter.com .

- Never place your finger near the machine until all parts have stopped moving. Moving parts can cause serious injury.
- Never clean or service the printer while it is on.
- The printer uses different LEDS. Never look directly at LED light nor expose skin. Serious injury may result from exposure.
- Disassembling the printer may cause an electric shock or damage to the instrument. Do not disassemble any parts of the printer not mentioned in the instruction manual.

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