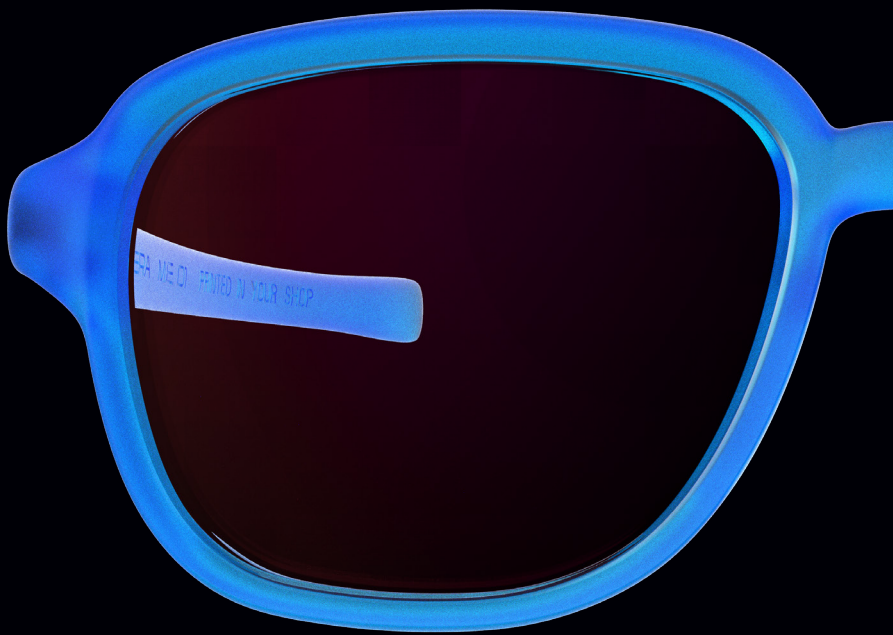


Mission Eyewear.

See the Future.



www.genera3d.com

www.mission-eyewear.com

In-Shop 3D-Printing System.



Save 90% CO₂*

Digital Acetate.
Certified Material.
Medical Process.

No Stock.

Transparent.

Freedom of Design.

Customizable.

Adjustable. Polishable. Sandable.

Standard Mission Eyewear Colors.

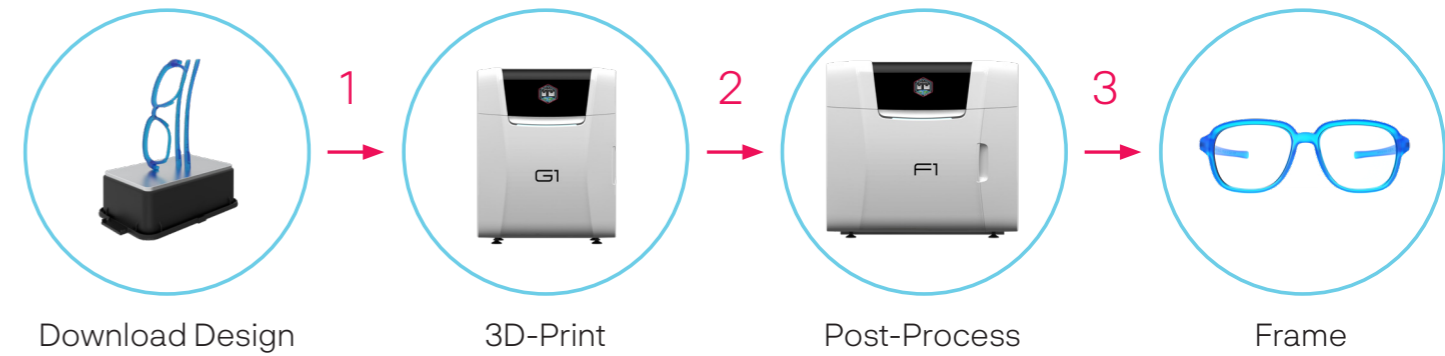


C1-Color Mixing System. Any Color On-Demand.

The C1 enables customized color mixing on-demand and in small volumes.



On-Demand. Fully Automated.



Mission Eyewear empowers opticians to provide personalized eyewear quickly and efficiently, transforming the eyewear industry with an automated In-Shop workflow. Opticians can download high-quality frame designs and produce them on-demand using the GENERA G1/F1 3D-printing system. By decentralizing the production of 3D-printed eyewear, opticians have greater control and flexibility in offering customers a wide range of customizable options, vibrant colors, and impeccable surfaces.

The C1 - Any Color. Any Time.

Imagine a world where every customer walks into your shop and leaves with eyewear that is not only uniquely 3D-printed but also perfectly tailored to their personal style. The C1 Color Mixing System is engineered to mix any color on demand, allowing you to create custom frame colors that reflect your clients' personalities.



A Good Start.

The Mission Eyewear starter package includes



*Calculated based on the CO₂ footprint of a standard acetate frame.

G1/F1



GENERAL

G1

Description	DLP resin vat 3D-Printer with shuttle technology
Materials	Validated with Mission Eyewear materials
Build Volume (XYZ)	
@ 70 µm	134 × 76 × 140 mm (5.28 × 2.99 × 5.91 in)
Resolution	Full HD DLP (1920 × 1080)
Wavelength	385 nm
Regulatory Compliance	CE, FCC, IC (Canada)

F1

Description	Post-Processing Unit optimized for use with the G1 Printer
Materials	Validated with Mission Eyewear materials
Washing Technology	Magnetic stirrer
Cleaning Fluid	IPA
Curing Chamber	Mercury flash bulb (optional under inert atmosphere)
Regulatory Compliance	CE, FCC, IC (Canada)

PHYSICAL FOOTPRINT

System Size (W × D × H)	G1 530 × 515 × 670 mm (20.9 × 20.3 × 26.4 in) / F1 730 × 515 × 670 mm (28.7 × 20.3 × 26.4 in)
System Weight	G1 41 kg (90.38 lb) / F1 50 kg (110.2 lb)

FACILITY REQUIREMENTS

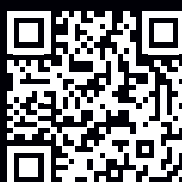
Power Requirements	AC 100-240 V, 50-60Hz, G1 2.0A-0.85A / F1 4.2-2.2 A
Network Connectivity	Ethernet
Operating Conditions	+15 °C to +35 °C

SOFTWARE

Software	GENERA G1/F1 CAM
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