



B9Creator Technology

The B9Creator is a DLP (digital light processing)-based printer. DLP is a similar process to stereolithography in that it is a 3D printing process that works with liquid photopolymers. The major difference is the light source. DLP uses a conventional light source to project an entire slice/layer of the model being printed, making it faster than laser-based SL, which traces the cross-section of every model on every layer.



Applications

Jewelry



Jewelers around the world rely on the B9Creator for its outstanding speed, resolution, and surface finish to move quickly from design to casting. Printing even the smallest prongs and filigree, and ability to cast our resin in a traditional casting process, combined with an affordable purchase price make the B9Creator a perfect fit. Typical consumables costs under \$1.50 per ring ensure that capability doesn't hurt your profitability.

Universities/Research



Our technology, innovative software, and empowering design provide micro-detail, surface finish, and speed researchers require to break through barriers and move their fields of study forward. User-defined parameters for the curing process at the level of voxel resolution allow university researchers to tune the B9Creator to work with a variety of material properties, allowing for use of 3rd party resins and experimental materials.

Hobbyist



Stephan Hess: www.brumbaer.de

Whether using the B9Creator as part of their business creating & selling miniatures, performing restoration of collectable models, or simply creating for fun, owners love the detail, toughness, paintability, & speed of our output.

B9Creator V 1.2

Resolution	30, 50, or 70 micron xy resolution as low as 5 microns in the z
Software	Auto Support Generator
Materials	B9Creations Resins (open to 3rd party resins)
Build Envelope	Adjustable for 30, 50 and 70 micron xy resolution (black boxes shown below)
Warranty	1 year for assembled machines
Data Handling	.STL files

B9Creations Materials

- B9R-1-Red: a favorite for users who are modeling or casting.
- B9R-1-Cherry: our most casting friendly resin. Great for users looking for very high resolution.
- B9R-2-Black: our high-speed printing resin. Ideal for HD and vulcanized molding.
- B9R-3-Emerald: provides clean burnout without staining and users can see impeccable details.
- B9R-4-Yellow: the ultimate casting resin that leaves no ash and prints with excellent detail.

*The B9Creator is also open to 3rd party resins.

Build Size

30 Microns 57.6 x 32.4 mm
50 Microns 96 x 54 mm
70 Microns 104 x 75.6 mm