

Z Corporation unveils 3D colour printer

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Z Corporation has introduced the ZPrinter 450, the first colour 3D printer to break the US\$40,000 price barrier, the company says. According to Z Corp, the 450 simplifies 3D printing by including automatic setup, powder loading, and self-monitoring of materials and print status. In addition, the model automatically removes and recycles loose powder and features automated operation and quick-change material cartridges.

The ZPrinter 450 produces colour by way of a single tri-colour print head instead of multiple print heads. Users can control the printer from either the desktop or 3D printer itself. New ZPrint software lets users monitor powder, binder, and ink levels from their desktops, and remotely read the machine's LCD display. The expanded on-board printer display and interface enables users to perform more operations than ever at the machine.

The company says the ZPrinter 450 produces models and prototypes five to 10 times faster than competing printers and the 300 x 450 dpi models produced cost about US\$3 per cubic inch.

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