

August 2007

Office-Compatible 3D Full-Colour Printer Is Clean, Quiet, Easy to Use, and Designed to Be a Time-Saver



The only company that makes full-colour 3D printers, output devices that transform electronic 3D data into handheld physical models, **Z Corp.** is now offering the highly automated **ZPrinter® 450 colour 3D printer** at a price point intended to make high-definition 3D colour printing affordable for small to medium-size engineering businesses. The new system introduces first-ever capabilities for a colour 3D printer, including enhanced speed, an integrated powder-removal system, and desktop control, as well as automated operation.



Automation enables the ZPrinter 450 to simplify the printing process at every step. New features include automatic setup, powder loading, and self-monitoring of materials and the print status. Innovatively, this 3D printer automatically removes and recycles loose powder. Automated operation and quick-change material cartridges reduce touch time by 40%, according to Z Corp. The way the ZPrinter 450 produces colour, with a single tricolour

printhead rather than multiple print-heads, lowers cost and makes possible much faster changes.

The quiet ZPrinter 450 is optimized for a front-office environment. It uses safe build materials, employs negative pressure and a closed-loop system to contain airborne particles, and produces no liquid waste. New no-touch powder and binder cartridges enable clean loading of build materials. An integrated fine-powder-removal chamber reduces the system footprint. In addition, this printer supports models

with loose powder that is removed automatically.

Users can control the ZPrinter 450 from either the desktop or the printer itself. New ZPrint software lets them monitor powder, binder, and ink levels from a desktop and remotely read the machine's LCD display, and an expanded onboard printer display and interface enables them to perform many operations at the machine.

Z Corp.
Burlington, MA, USA
* For more information, circle #13