



Press Release

Objet Announces Printing Optimization Package for Eden350V and Eden500V

New Optimax™ software and hardware package automates resin management, improving resin utilization and ensuring optimal quality

Rehovot, Israel — January 30, 2008 – Objet Geometries Ltd., the world leader in ultra-thin layer photopolymer jetting, today announced that it will introduce an advanced printing optimization package for the Eden350V™ and Eden500V™ 3-D printing systems. The new package, named Optimax™ automates resin management, improves resin utilization, reduces the risk of human error in loading and unloading cartridges, and assures model and machine quality on very long runs. With commercial launch expected by February 1st 2008, the new Optimax™ will support all new Eden350V and Eden500V printers and will be available as an upgrade on previously installed Eden V-series machines.

The Optimax package comprises three software and hardware modules that together create a comprehensive package for ensuring optimized printing.

Auto ID is a user-friendly read/write data accessory that automates many aspects of resin handling. Continuously monitoring the model material cartridge inserted in the machine, it automatically identifies the material type and the weight of residual material remaining in the cartridge, in real time. It ensures the loaded materials automatically appear in Objet Studio™ and automates setup of resin parameters in Objet Studio and in the printer software. The Auto ID module also facilitates resin cartridge replacement, issues alerts and varied messages for ensuring printing quality.

The **Image Processing Engine (IPE)** module improves the interaction between the printing system and the material and, using a smart algorithm, creates efficiencies in material consumption of up to 15 percent.

The **Built-in-Tests (BIT)** module ensures maximum quality, particularly on long jobs, and facilitates in trouble shooting. It activates automated tests to verify the 3-D printing system is ready to print at the highest possible quality and it maps and reviews the most vital printing-related tasks, including communication, data card, voltages and temperatures. The easy to use interface enables clear viewing and understanding of test results.

“The Optimax package will enable Objet users to get even more out of their investment in Eden350V and Eden500V machines by ensuring optimized quality and materials utilization, reducing their ongoing operational costs and increasing uptime,” said Adina Shorr, CEO at Objet Geometries. “The development of Optimax is the latest step in our continuous efforts to bring more value to our existing and growing customer base, to improve their 3-D printing capabilities and their bottom line.”

About Objet Geometries

Objet Geometries, the photopolymer jetting pioneer, develops, manufactures and globally markets ultra-thin-layer, high-resolution 3-dimensional printing solutions for rapid prototyping and rapid manufacturing. The market-proven Eden line of systems is based on Objet's patented office-friendly PolyJet™ technology. Objet's FullCure® materials create accurate, clean, smooth and highly detailed 3-dimensional models, enabling even the most complex 3-D models to be printed with exceptionally high quality, accuracy and speed. ConneX500™, Objet's latest innovation, is based on Objet's PolyJet Matrix™ technology, which offers jetting multiple model materials simultaneously. PolyJet Matrix jets Digital Materials™ creating composite materials which are fabricated on the fly.

Objet's solutions enable manufactures and industrial designers to reduce cost of product development cycles and dramatically shorten time-to-market of new products. Objet systems are in use by world leaders in many industries, such as automotive, electronics, toy, consumer goods, and footwear industries in North America, Europe, Asia, Australia and Japan. Founded in 1998, Objet serves its growing worldwide customer base through offices in USA, Europe and Hong Kong, and a global network of distribution partners. Objet owns more than 50 patents and patent pending inventions.

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