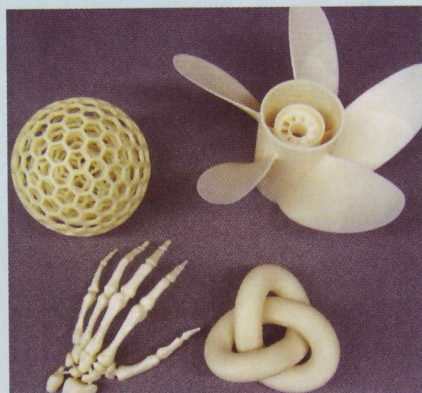


Product Development and Prototyping

A medical molding company and its sister prototyping division have enhanced their engineering capabilities through the acquisition of rapid prototyping machines that employ the additive technique of fused



deposition modeling (FDM). The FDM machine used in the application development center at the headquarters plant, primarily for orthopedic applications, builds parts

from ABS resin in 0.010-in.-thick layers within a build envelope of 8 x 8 x 10 in. The FDM machine in use at the prototyping division prints parts as large as 14 x 16 x 14 in. in layers of 0.005–0.013 in. The former machine supports design verification, helps ensure that snap-fit parts are functional, and serves for producing precisely tailored part-measurement fixtures. Using either biocompatible ABS 30i material or PC-ABS, the larger machine is used to produce parts for testing and clinical trials as well as end-use parts.

Mack Molding Co.

Arlington, VT, 802/375-2511

www.mack.com

Booth 1919

Contract Manufacturing

A company specializes in developing and manufacturing devices for the medical device and diagnostics industries on a contract basis. It has experience developing complex drug-delivery systems such



as sterile needles, inhalers, and other systems for safe medication dosing and applications. The manufacturer offers product and process development services through mold making and automation engineering. It has plants in Europe, North America, South America, and Asia.

Gerresheimer AG

Peachtree City, GA, 770/631-4939

www.gerresheimer.com

Booth 1760

Valve-Gated Cold Runner

A valve-gated cold-runner system for injection molding is available as a stand-alone

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