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3DQue Systems Announces First QPoD Installation with MCPP

QPoD™ is an automated, 9-printer unit that delivers parts 24/7 without human intervention, providing specimens for materials testing 13x faster than batch production.

DETROIT, MICHIGAN, September 3, 2019 3DQue, the company that automates 3D printing for mass production of plastic parts, is pleased to announce the first installation of QPoD, its fully autonomous, high volume (100,000 parts/year), on-demand production unit at the new materials testing laboratory in Warren, Michigan.

MCPP is one of the world's largest polymer-based filament manufacturers with a focus on high performance materials for end-use parts. Their print lab focuses on tuning hardware and software settings for each filament formulation to give end-users the best results.

3DQue automates 3D printing for mass production of parts, accelerating materials and design research, development, and testing.

QPoD is a fully automated 3D printing unit that eliminates manual tasks, allowing researchers to focus on testing materials and parts — optimizing settings and design rather than operating printers.

With fully automated part release and no glue, tape or other consumables, QPoD is able to run 24/7 without an operator. QPoD allocates the right files to the right printers, autonomously removes parts, alerts operators when prints are finished, resets printers, and automatically starts the next print job. No scraping, no taping, no gluing – no need to retrieve a part before the next print starts – and no robotics or need to remove print beds after each print. Operators no longer need to figure out how to layout batches or schedule print runs.

“We are very excited to be working with MCPP to test QPoD’s performance and compatibility with their wide range of materials. QPoD is a game-changer for materials and parts testing,” says Chief of Innovations, Mateo Pekic. “It is 12x to 40x faster than batch production at costs that rival volume injection molding. This means faster innovation and the ability to scale production seamlessly.”

3DQue will be publishing results of parts testing in a variety of materials.

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