

PRESS RELEASE

-for immediate release-

NPE 2015 Booth #W1523



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Trexel, Inc. Introduces the T-100 State-of-the-art MuCell® Super Critical Fluid (SCF) Dosing and Delivery System

New T-100 Series MuCell system is ideal for small shot size molding applications

(Trexel, Inc., Wilmington, MA March 23, 2015)... Trexel, Inc is pleased to make the premier global introduction of their newly developed T-100 Series. The Trexel T-100 Series SCF (Super Critical Fluid) Delivery System is a state-of-the-art gas delivery and dosing system based on Trexel's patented technology, and built to the most stringent industrial standards. The system is specifically designed for small shot size molding applications of < 140gr. / 5 oz.

Small injection molded parts are typically used in complex mechanisms, electrical connectors or other applications requiring a high level of precision. The T-100 system is an economical equipment solution for these small, high tolerance foamed molding applications. MuCell® injection molding provides for stress free plastic parts with very high dimensional stability with the following benefits:

- Repeatable tight tolerance final part dimensions
- Improved centricity in round parts
- Uniform shrinkage across the entire part

- Reduced warpage
- Repeatable pin hole location and shape in connectors

The system precisely doses and injects small amounts of SCF into the plasticizing unit of the injection molding machine creating a lower density, stress free microcellular material structure in the molded plastic part. It features a technology leading control system with an 8" graphical touch screen user interface. Set up parameters require only the shot size and percentage of SCF content. The system calculates everything else and optimizes SCF delivery during screw recovery.

The standard T-Series version is configured for Nitrogen based super critical fluid but an available option allows molders to process either Nitrogen or CO₂. There is also an option available for inline detection of Nitrogen purity in the gas supply line, assuring Nitrogen purity requirements are met especially in developing markets. Within the T-Series the T-200 is available for shot sizes 120 – 600gr and the T-300 for shot sizes 600 – 3000gr.

T-100 Series will be on display at NPE 2015 – Booth #W1523

About Trexel, Inc.

Trexel, Inc., headquartered in Wilmington, MA has led the development of the MuCell® Microcellular foaming technology and has pioneered many plastic processing solutions. Process deployment as well as equipment is supported by teams of highly qualified engineers through Trexel subsidiaries in North America, Europe, and Asia. For more information, please visit www.trexel.com.

® MuCell is a registered trademark of Trexel, Inc

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Please see photo –(hi res file attached separately)

Caption for Photo: New T-100 Series MuCell system reduces operating costs and provides for simplified set up and operation for small shot size molding applications.

