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# P R E S S R E L E A S E

March 29, 2011  
For Immediate Release

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## **ABEC, Inc. Introduces Custom Single Run™ Bioreactors**

New York, NY USA and Bethlehem, PA USA --ABEC, Inc. is pleased to announce the introduction of its Custom Single Run™ (CSR™) Bioreactor product line at INTERPHEX 2011.

The CSR™ products establish a new paradigm for single use implementation in clinical and commercial biopharmaceutical manufacturing. Systems can now be custom-designed to meet exact process needs, facility constraints, and operational requirements. In particular, the CSR™ Bioreactor Containers can be of any size or aspect ratio, with custom-designed mixing and aeration for today's varied and demanding processes. Other features include simplified container loading schemes and lower risk approaches to single use container supply.

The current single use market paradigm is a standard "off-the-shelf" product approach where customers can incur added investment and risk, and potentially compromise performance when implementing single use systems. The CSR™ approach takes the benefits of single use to a new level by addressing all areas of the product life cycle. Specifically, the CSR™ approach can:

- Reduce investment in process development, transfer, and scale up
- Optimize yield and production economics
- Reduce container long-term supply risk
- Improve productivity in a cGMP manufacturing environment

"Our customers manufacture a wide range of products for human and animal health, including vaccines, recombinant proteins, and monoclonal antibodies," commented Brady Cole, ABEC Director of Product Management. "This drives a variety of facility design and operating methods to meet specific business and regulatory needs. ABEC's long-term success in the industry is based on a flexible, custom approach to meeting these needs. The CSR™ products bring this flexibility to single use processing, and enables customers to avoid costly compromises when implementing single use systems."

A 2000L CSR Bioreactor™ system is on display at ABEC's booth (#1383) at INTERPHEX.

**About ABEC**

For over 35 years, ABEC, Inc. has been a leader in delivering integrated process equipment solutions for biopharmaceutical manufacturing. ABEC is unique in its ability to engineer and manufacture the entire bioprocess, including bioreactors and fermenters, sanitary vessels, filtration and chromatography systems, and cleaning and sterilization systems. ABEC is committed to the long-term health of our industry, our customers, and our employees. For more information, please visit [www.abec.com](http://www.abec.com).

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