

Meet the Expert



Jerrod is a well-known figure in the aseptic community with technical expertise in liquid filling, barrier isolation technology and component preparation equipment including sterilizers, parts washers and stopper processing equipment. He has successfully completed a diverse range of projects for sterile products in vials and syringes for clinical and large scale production facilities.

Jerrod offers almost two decades of experience in the design, operation and qualification of pharmaceutical equipment in full-scale production plants with a specialization in aseptic filling, packaging and washing/sterilization. His past experience includes working directly for two of the largest global pharmaceutical companies in the industry and for a sterile equipment supplier. This experience gives Jerrod a keen understanding of both the owner and the supplier side of the business which helps him understand our client's needs and how help them reach their goals. Jerrod has a fundamental understanding of cGMP's and the inner workings of clean utilities, equipment prep, formulation, filling, isolation technology, visual inspection and packaging. Jerrod's experience is international, with global support of production facilities in the United States, Europe and Asia.

- Jerrod led the design, engineering and qualification of a high speed isolator filling facility for pre-filled syringes including the filling, inspection and packaging line, formulation, component prep and utilities.
- He has worked with numerous pharma and biotech companies on simple and complex component washing/sterilization projects, including terminal sterilization of vials, syringes, IV bags and blow/fill/seal products.
- In addition to specifying and buying equipment, Jerrod has experience operating and maintaining equipment in aseptic facilities and applies this knowledge and understanding to the design and construction of new equipment and facilities.

Since 2012, Jerrod has been an integral part of the IPS Aseptic Tours at Interphex that introduces cutting edge aseptic technologies and innovations to interested clients. The tours help provide visibility to the leading suppliers of aseptic filling and isolator systems in a relaxed atmosphere without the high pressure sales pitch.

Jerrod holds a Bachelor of Science degree in Mechanical Engineering from Penn State University.

Jerrod Shook Aseptic Processing Expert

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Areas of Expertise

- Advanced Aseptic Processing and Equipment
- Aseptic Facility Design
- Isolation Technology
- Technical Consultancy
- Washing and Sterilization Equipment
- CIP/SIP Systems
- Single-Use Filling Systems
- Inspection & Packaging