

A Symbiosis - Core Competence and Cutting Edge Technology

Oncotec invests in state-of-the-art filling and isolator technology for ready-to-use syringes.

Proven Pharma Industry Partner

Oncotec Pharma Produktion, based in Dessau-Rosslau, Germany, is an industry partner valued by pharmaceutical companies around the world for the manufacture and development of aseptically produced cytostatica. Oncotec has state-of-the-art production facilities with isolator protection and offers its customers full service along the entire production chain, from development to market launch and commercial production.

Expanding Ready-to-Use Syringe Production Capacity

Oncotec is currently expanding its production capacity for the manufacture of ready-to-use syringes for the global marketing of a highly potent anti-rheumatoid drug, with an active cytostatic ingredient, as well as other cytostatic products. Cytostatica inhibit cell growth and

are used predominantly in the treatment of tumors and autoimmune diseases. The production of these highly toxic and delicate pharmaceuticals presents specific challenges, which Oncotec is meeting with state-of-the-art technology.

Ergonomic and Flexible Ready-to-Use Syringe Line with Isolator

Oncotec's new line, which will be ready for production in mid 2010, processes pre-sterilized, ready-to-use glass syringes and consists of an ABO bag opener, an ATO tub opener and the FXS filling and closing machine, which is fitted with a customized Bosch isolator. Both the ABO and ATO ensure the fully automated opening of the sterilized bags and tubs, which provide speed and precision that would not be possible with manual operation. This contributes significantly to increased product quality and higher

efficiency. The FXS filling and closing machine uses a revolutionary transport system to fill and seal the syringes with complete safety and accuracy. A number of additional features, such as 100% in-process control and special solutions for air handling, provide extra safety during the production process and also help to minimize waste.

For more information please contact:

Klaus Ullherr

Phone +49 7951 402-517

klaus.ullherr@bosch.com



1/2 Isolator line for fully automated filling of cytotoxics in presterilized nested syringes

3 ATO: reliable tub opening with minimal particle generation



Positive handling of presterilized nested syringes

Packazine interviewed Jürgen Powollik, Head of Production at Oncotec

„Mr Powollik, Oncotec’s new line is fitted with state-of-the-art isolator technology from Bosch. How important is this technology?“

„I am convinced that isolators have clear advantages over clean room filling. There is an enormous potential for savings, which is still not realized by many pharmaceutical producers. In the aseptic filling of highly potent drugs, an isolator simplifies operation of the entire installation and provides optimal operator safety, as well as higher product quality, especially if it comes from the same supplier and works in perfect

harmony with the filling and closing machine.“

„...which is indeed the case for the current project. Aside from the isolator, what convinced you to go for the Bosch solution?“

„The entire concept for ready-to-use syringes in the tub: transport, handling and opening of sterile bags and tubs, as well as the air handling at critical locations within the isolator. I saw the installation and I immediately knew: this is it. Bosch also set a very high standard for the qualification.“

„Why would you recommend Bosch?“

„Key factors are technological superiority, professional project management and

the ready availability of experts providing a level of assurance, which customers want from their machine supplier, especially for more complex projects.“

