

TELSTAR LAUNCHES A NEW VERSION OF ITS LYOBETA FREEZE DRYER

TERRASSA, BARCELONA, SPAIN, May 30, 2014 /EINPresswire.com/ -- Telstar has launched a new version of the Pilot-scale Freeze Dryer, Lyobeta, specifically designed for small scale formulation, research and development work.

The Telstar Lyobeta range of laboratory freeze-dryers is specially designed for the field of experimentation, research and formulation to develop recipes in pharmaceutical freeze-drying processes. The new version of the Lyobeta, which offers the flexibility, performance and small foot print required in a laboratory unit, incorporates developments related to process control, including a PLC-based control system and improvements to control and programming capabilities, management software and interface features, to make it the most complete, efficient and convenient pilot unit on the market. Lyobeta bridges the gap in the market that in the past was filled with large-size laboratory equipment.

Improvements

In addition to the features of previous Lyobeta, the new series is offering the following improvements: more user-friendly interface: wider 6,5" colour touch screen LCD; improved PLC control and programming capabilities; more extensive range of interfaces to external devices (USB, PC,...) for monitoring and archiving purposes; improved SCADA-based management software; new options, such as control of the process by means of weight variation of the product, additional temperature sensors and simplified installation procedure.

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Designed for formulation and R&D, the new version of pilot-scale freeze dryer incorporates improvements in control system architecture, management software, process control and interface features

Telstar

The Lyobeta is produced in batches as a series product but designed with numerous options to configure the product to customer requirements. This method of production provides a very competitive price for a unit with such a broad range of features. The Lyobeta is available in 4 models, with 0.45, 0.6, 0.75 and 0.9 m² of useful shelf surface area that can be temperature regulated in the range -60°C to +80°C. A cascade refrigeration system utilizing ecological refrigerants cools the shelves and feeds a -80°C condenser.



Telstar, part of the azbil Group, is today one of the world's top 5 manufacturers of biosafety cabinets and one of the top 3 manufacturers of laboratory freeze dryers. The company holds 15% of the world market share in biosafety cabinets for laboratories and 70% of the market share in Spain. Furthermore, Telstar is the only international manufacturer able to offer integrated process solutions for biopharmaceutical industries with in-house sterilisation, freeze drying, containment and clean air technologies.

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