

AT EXPOQUIMIA 2014 TELSTAR INTRODUCES A NEW RANGE OF LAMINAR FLOW CABINET WITH LOWER ENERGY CONSUMPTION

The new range of Telstar Aeolus, which offers 20% more sterile working area, also incorporates energy saving EC fans and airflow velocity control systems

TERRASSA, BARCELONA, SPAIN, August 1, 2014 /EINPresswire.com/ -- Telstar's comprehensive new range of laminar flow cabinets, designed to provide protection for the product in an ISO 4 sterile environment, will be presented at Expoquimia (Barcelona 2014, September 30th-October 3rd). This range of cabinets is particularly suitable for handling non-pathogenic samples in applications related to hospital protocols and clinical pharmacy, in vitro fertilisation, food quality control and microbiology, in vitro cultivation of plant and animal cells, microbiology and clean rooms for pharmaceutical, veterinary and food industries, as well as hospitals, universities and research centres.



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The range of horizontal and vertical laminar flow cabinets is designed to offer more efficiency and lower energy consumption; an automatic airflow velocity control system ensures optimized protection level for the product, an appreciable reduction of sound level and 20% more sterile working area while maintaining a compact external footprint.

The laminar flow system enables work to be carried out under sterile conditions with low particulate count by virtue of a continuous filtered air sweep in the work area, which assures

full product protection. The range of Telstar Aeolus cabinets includes an air anemometer speed monitoring system which confirms effectiveness to the operator at all times and avoids deviations from the average laminar flow range.

Additionally, in terms of energy efficiency, this range of cabinets has Green Line EC fans, resulting in energy consumption up to 35% less than the average consumption for this type of cabinet, as well as an extremely low sound level and an ergonomic design which provides operators with more comfort and working efficiency.

Other notable features of this range include display that is slightly tilted to provide better visibility and accessibility. The screen has an intuitive and practical colour code that continuously indicates the cabinet status. It also includes a system of optical and acoustic alarms that warn of any incident and the stainless steel work surface, designed as an integral part, can easily be dismantled. Using an innovative lighting structure, appropriate illumination is provided to the working area, which minimises visual fatigue and help eliminate glare and reflections. In addition, the cabinet sides, designed in tempered glass, provide full visibility and enhance the inner lighting.

The range of cabinets is also designed to facilitate access to all components from the front, which is made of sliding glass in the vertical model, rendering technical maintenance tasks easier. This minimises interruption to the daily routine caused by preventive maintenance and requalification. The Telstar Aeolus range of vertical and horizontal cabinets is available in 4 different sizes.

Expoquimia 2014

Telstar will launch the new generation of laminar flow cabinets at the next Expoquimia exhibition, to be held in Barcelona from 30 September to 3 October 2014 (Telstar: Hall 2 Booth C201).

Further, Telstar will also be present at Expoquimia with its latest generation of laboratory equipment addressing the pharmaceutical and biotechnological industry, hospitals and research centers: Telstar LyoQuest, the 8-liter condensation capacity freeze dryer for laboratory with integrated pre-freezing, primary drying and secondary drying processes; Telstar Lyobeta, the pilot-scale freeze dryer specifically designed for small scale formulation, research and development work; Telstar BioVanguard, the new range of high quality Class II Biological Safety Cabinets designed to be used for high risk microbiological research and in highly toxic applications; Telstar Bio II Advance, the new generation of biological safety cabinets which are more compact and optimize the usable work area in laboratories with limited space.

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