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## **Labcaire Launches JetAER Automated Endoscope Reprocessor and Disposable Endoscope Cleaning Brushes**

***UK's Widest Integrated Family of Equipment and Consumables allows Hospitals to Implement Full Traceability Systems for Endoscope Reprocessing and Storage***

At this year's AfPP Congress, Labcaire, the UK's largest manufacturer of Automated Endoscope Reprocessing systems (AERs) and associated equipment and consumables, introduces a new AER and a disposable Cleaning Brush Kit. The two new products head a line-up of the most comprehensive range of equipment and consumables specially designed to allow hospitals to implement full traceability systems for endoscopes and safeguard patient care.

Leading the new line-up is the Autoscope JetAER, a compact, two-basket design with automatic docking of channel irrigation connections that complies with the strict washing procedures set out within HTM2030 and EN 15883 (parts 1 & 4). Despite its small footprint, JetAER integrates a single-use disinfectant generation system, including validation, for Labcaire approved disinfectants and a fully automated self-disinfect process that eliminates the need for separate chemical mixing and storage. The JetAER also integrates a water filtration module within the main cabinet to ensure bacteria-free supplies throughout the wash cycle.

Inside the stainless steel wash chamber with its computer-controlled door, a powerful, hot water "jet" wash system disinfects scopes, connectors, and transport/storage basket. Endoscopes and operators are automatically identified using a tag reader "wand" and archived for accurate record keeping. Because there is no need to key in ID codes, endoscope processing time is reduced.

A glass viewing window allows operators to perform visual checks throughout the wash cycle, which is assisted by the incorporation of high-intensity lighting. The fully-automated fume containment and monitoring system controls fan speed throughout the wash, to minimise noise and power consumption and the JetAER also incorporates a standby function to save energy between cycles.

Labcaire also unveils the disposable Endoscope Cleaning Brush Kit, a dual brush combination for initial cleaning of endoscope channels and ports prior to processing. These non-sterile, single-use devices are latex-free and do not contain DEHP, making them very safe for all operators.

Also on show will be the Endoscope Storage Cabinet (ESC) and the Autoscope ISIS. The ESC has been shown in independent tests to dry completely both internal and external surfaces of surrogate endoscopes within 30 minutes and maintain them in the completely dried state for the whole of the 72 hour drying period. Like all Labcaire's AERs, the storage cabinets incorporate a full traceability system for each flexible scope placed within the cabinet following reprocessing. A door open alarm and access interlocking with loader/unloader ID makes it impossible to remove and replace a scope without the movement being logged. The Autoscope ISIS also complies with the strict disinfection, washing and validation requirements of HTM2030 & EN ISO 15883 and processes either one or two endoscopes in less than 20 minutes. Like JetAER, ISIS also incorporates a sophisticated security system and, when installed as a pass-through unit, automatically records the clean and dirty side loader and un-loader operators respectively. Once unloaded in the clean room, the endoscopes can either be used immediately or stored within their carrier.