

Sysmex launches its Sample Preparation System PS-10 in EMEA – a new product to make clinical flow cytometry testing more efficient

Norderstedt, Germany, 14 September 2021 – Sysmex Europe GmbH announces that it has recently launched its Sample Preparation System PS-10 for IVD use in the EMEA region. By thoughtfully automating the sample preparation work in clinical flow cytometry laboratories, the PS-10 helps establish workflows which are more efficient: it relieves staff from manual work, eases their burden of documentation and aids in overall standardising clinical flow cytometry testing.

For over 50 years now, Sysmex has been helping clinical laboratories by adding innovative testing and automation in areas such as haematology, haemostasis and urinalysis. Using the cell measurement technologies cultivated principally in the field of *in vitro* diagnostics, we have begun to address the needs of clinical flow cytometry laboratories.

Our aim is to establish a solution that automates processes from sample preparation to the reporting of measurement results to help clinical flow cytometry laboratories reach a new level of workflow efficiency and deliver their services with absolute confidence in the results. The launch of the PS-10 and associated reagents is the first step towards such an integrated clinical flow cytometry solution from Sysmex Europe.

About the PS-10

The PS-10 flexibly and intelligently automates many of the manual steps in the preparation of samples for flow cytometric analysis, thus freeing up the time of laboratory staff to do other, more demanding tasks, such as data analysis.

As a programmable system, it offers efficient sample processing for both routine and/or complex tests. The standardisation of sample processing reduces possible human handling errors and improves confidence in the results. The PS-10 provides traceability of samples, reagents and processing steps, thus easing the burden of documentation.

To accommodate protocols with wash steps, the PS-10's rotors are compatible with the Rotolavit II-S automated cell wash centrifuge (Hettich Group), which automatically carries out the routine washing steps when preparing samples.

“The PS-10 addresses several challenges that today’s clinical flow cytometry laboratories are facing, posed by increasing demands for testing and documentation under a declining availability of skilled staff and resources,” says Tanja Tornow, Head of Flow Cytometry at Sysmex Europe.

Following the launch in North America, the PS-10 has been CE marked, indicating that the product complies with the European IVD Directive.

“This is an important milestone for Sysmex Europe, which we see as a logical step, and a perfect complement to our haematology diagnostic solutions,” continues Alain Baverel, President & CEO at Sysmex Europe.

Going forward, Sysmex Europe will continue to expand its offer of innovative testing and automation to accomplish an integrated solution for clinical flow cytometry laboratories. Possible applications of this solution, for example, include aiding the diagnosis of onco-haematological diseases or monitoring the immune status of patients.

About Sysmex Europe GmbH

Sysmex supports healthcare professionals around the world in lighting the way with diagnostics by providing a broad range of medical diagnostics products and solutions. In the fields of haematology, urinalysis, haemostasis, life science, flow cytometry, essential healthcare and now immunochemistry, we combine highly dependable, multi-functional and easy-to-operate instruments, a variety of reagents and software, plus reliable service and support.

Sysmex Europe GmbH, located near Hamburg, Germany, is a subsidiary of the Sysmex Corporation from Kobe, Japan. From our Hamburg offices, we serve our affiliates, distributors and customers throughout Europe, the Middle East, and Africa (EMEA). For more information, visit www.sysmex-europe.com.