

PRESS RELEASE

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Tosoh Bioscience – Diagnostics EMEA Launches its New HbA1c Analyser the HLC-723® GR01: Compact with Big Impact

Brussels, Belgium - Tosoh Bioscience - Diagnostics EMEA is pleased to announce the launch of the GR01 HbA1c analyser, a compact and high-performance solution for glycated haemoglobin testing based on ion-exchange HPLC methodology, as part of its HLC-723® series of analysers. Developed to meet the needs of clinical laboratories, the GR01 delivers precise, reproducible results, optimised workflows, supporting both, high throughput and improved diabetes care.

Supporting better patient care:

Thanks to its precise analytical performance, the GR01 enhances diagnostic confidence. By delivering fast and highly accurate HbA1c results, the analyser enables healthcare professionals to detect and monitor glycaemic control with greater confidence and efficiency. Its enhanced ability to detect haemoglobin variants ensures that even complex patient profiles are accurately assessed, reducing the risk of misdiagnosis or delayed treatment.

This level of diagnostic precision supports individualised care plans that are responsive to each patient's unique needs. Furthermore, the system's rapid processing capabilities help reduce laboratory bottlenecks, allowing for faster clinical decision-making and improved patient throughput. As a result, clinicians can intervene earlier, adjust treatment strategies more effectively, and ultimately improve long-term health outcomes for patients living with diabetes.

"With the GR01, Tosoh reaffirms its commitment to advancing laboratory medicine by providing innovative, practical solutions that enhance quality and efficiency - all while delivering real clinical benefit," said Najoi Bettache, product manager, Tosoh Bioscience - Diagnostics EMEA.

Key features and benefits:

- Ion-exchange HPLC with non-porous resin column to provide high-resolution chromatograms with excellent separation, ensuring, CVs of less than 1% in NGSP/intra-assay tests supporting better clinical interpretation, even in complex cases.
- Two analysis modes (30s or 50s/sample): fast turnaround time with flexibility to adapt to workload - switchable with a single software click.



- Throughput up to 120 tests/hour, including automatic flagging of haemoglobin variants (HbS, C, D, E).
- Minimal user intervention:
 - Double-line buffer system
 - Automatic barcode tube orientation
 - Easy filter and column changes
 - No routine user maintenance
- Ergonomic, intuitive interface with 25 cm screen and guided workflows.
- Onboard quality control with Levey-Jennings charts and lot traceability.
- Fully integrated with leading lab automation platforms and haematology automation lines, supporting a standardised and fully connected workflow.

For further information, please contact:

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TOSOH CORPORATION

Tosoh Corporation is the parent of the Tosoh Group, which comprises over 100 companies worldwide and a multiethnic workforce of over 14,000 employees. It generated net sales of ¥1,063.4 billion (US\$7.0 billion at the average rate of ¥150 to the US dollar) in fiscal 2025, ended March 31, 2025.

TOSOH BIOSCIENCE

By bringing the best in quality products, services and technologies from Tosoh Corporation, Tosoh Bioscience is dedicated to pioneering systems used to assist in monitoring life-threatening diseases and certain cancers, helping to prevent epidemics, purify water, monitor our environment, and making living better for everyone, everywhere.

Tosoh Bioscience is divided in two business units; Separation & Purification and Clinical Diagnostics;

The Separation & Purification business unit offers 500+ specialty products in analytical HPLC columns, chromatographic resins, and GPC instruments to meet laboratory and pharmaceutical needs.

The Clinical Diagnostics clinical business unit offers superior automated immunoassay and glycohemoglobin analysers, laboratory solutions, assays and test-cup reagents as solutions to laboratories, clinics, hospitals and veterinarians' needs.

Photos:



GR01 - HPLC analyser
front view



GR01 - HPLC analyser
side view



GR01 - 25 cm diagonal LCD touchscreen display with flexible angle



GR01 with back side connection



GR01 with front side connection

HLC-723®
GR01

HLC-723® GR01 logo



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HLC-723[®] GR01 microsite QR code
<https://www.tosoh-diagnostics.com/gr01>