



# HaemCell

HORIBA Medical Integrated Haematology Solution



Automated clinical analysis, data management systems and customer support

# HaemCell

## – Meeting your specific haematology needs



**HaemCell** is HORIBA Medical's integrated haematology solution, tailored to your specific requirements. It facilitates the entire haematology process both in the laboratory and at the point of care, from process and analyser optimisation, analysing samples and managing data, through to remote monitoring and e-Learning.

By understanding your needs we will work with you to develop a cohesive, cost-effective solution comprising automated haematology analysers, information management systems, point of care testing solutions (POCT) and customer support. Such

combinations will deliver you the results quality, flexibility, security and process efficiency required to ensure effective clinical decision making, enhanced patient care pathways and improved patient outcomes.

### Business Solutions

Our team holds many years of haematology expertise. We are very happy to discuss your individual needs and the best solutions for you, from integrated system configuration through to financial solutions, including Managed Service Contracts.



# HORIBA Medical haematology range

## – Productivity and reliability



### LEAN solutions

The HORIBA Medical haematology range of automated analysers is ideal for LEAN working. Key attributes ensuring efficient workflows include: automated random access, reflex testing, automatic re-runs and integrated solutions, such as a sample management, as well as slide preparation and staining systems.

Also supporting optimised LEAN work cell layout, the HORIBA Medical high throughput solutions are compact in design with inbuilt compressors, enabling them to be trolley mounted and readily moved should changes to work processes require rapid laboratory reconfiguration.

### Point of care testing solutions

The introduction of point of care testing (POCT) within a hospital presents a challenge to pathology services. CPA requirements ensure the Pathology Laboratory is fully involved in the evaluation and purchase of POC equipment, as well as in the training of users and ongoing operation of the service.

Recognising the requirements and regulations for POCT, HORIBA Medical offers a range of compact analysers, IT solutions and services to meet such exacting needs. These can be used in a variety of POC settings, including: A&E, oncology clinics, healthcare centres and community hospitals.

Technology is shared across the HORIBA Medical haematology range. This consistent technology ensures parity of results and also facilitates training of instrument operators.

HORIBA Medical provides a variety of connectivity options. For example, all analysers can be readily interfaced with the ABX Pentra ML data manager to enable rapid viewing of QC results, patient data, plots and flagging, even from a remote location.



# ABX Pentra ML

## – Total management of haematology procedures

The ABX Pentra ML data manager is an exclusive smart 'multilink' concept that allows multiple haematology analysers to be connected to the same database. This enables haematology laboratories to manage large and increasing workloads with configurations tailored to your individual laboratory requirement.

The ABX Pentra ML facilitates rerun, reflex and random access processing to deliver optimal workflow efficiency. This is further enhanced by comprehensive rules based auto validation for a seamless service delivery.

*"I feel that the modular LEAN approach that we have adopted using HORIBA Medical technology and the team's expert assistance has not only increased our flexibility on a daily basis with peaks and troughs in workflow, but also enables us to be ready for future changes to working patterns."*

**NHS Customer**



# HemaCAM®

## – Computer-assisted microscopy for haematology

HemaCAM® significantly reduces the laboratory work load and simplifies the creation of a quick and objective differential blood count even for more unusual blood samples, through its fully automated analysis of stained blood smears.

It has the ability to digitally store all images and differential results in a comprehensive evolutionary adaptable database that is fully traceable and

searchable. The database can be customised to suit every laboratory's specific needs and requirements. Information may be transmitted to the ABX Pentra ML data manager to enable the integration of instrument and morphology results.

In addition to benefitting the laboratory, HemaCAM® is well suited for continuing education, in either a one-to-one or group study setting.





# Powerful support services



## HeLP

The HORIBA Medical e-Learning Portal (HeLP) is designed to meet your ever-changing needs by improving the accessibility of training for staff working shifts and on-call. These online courses enable users to complete their training at a time and pace that suits their work pattern. Designed to assist in on-going and refresher training, CPD points and competency certification are provided for all participants.

## Pentra SAfe Solution

The Pentra SAfe Solution offers fully secure, CPA compliant remote access to our range of POC analysers; providing additional password protection with timed lockout and audit facility, as well as real-time remote access to instrument software.

## Find out more

For more information about **HaemCell** please contact us:  
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## Analyser Optimisation

HORIBA Medical's Analyser Optimisation service visits examine the performance of individual analysers, correlation between multiple analysers, instrument set-up and workflow. Working with you, the team is able to make bespoke recommendations to improve performance and optimise workflow, enabling adjustments to be made to fine tune systems and software.

## Process Optimisation

HORIBA Medical supports LEAN processes to improve laboratory workflow. We will work closely with you to undertake process analysis to ascertain the most efficient means of operating. By evaluating use of staff time and optimal use of analysers, HORIBA Medical will partner with you to deliver effective and efficient care pathways.

## Why HaemCell?

- Quality results
- Tailored to your laboratory's needs
- Process efficiency
- Flexible solutions
- Cost-effective
- Improved patient care pathways
- Better patient outcomes

**HORIBA**  
Medical