

HORIBA
Medical



Hematology



Hemostasis



Clinical Chemistry

Analyzers & Solutions for Laboratories

Explore the future

Automotive | Process & Environmental | Medical | Semiconductor | Scientific

HORIBA

The HORIBA Medical Segment designs, develops and distributes worldwide, in vitro diagnostic systems mainly destined for biological analysis in medical laboratories.



These automated analyzers meet the needs of various users including patients, doctors, private laboratories, clinics and university hospitals.

HORIBA expertise in vitro diagnostics is one of the most respected in hematology worldwide and contribute today to the health of tomorrow.

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The angular configuration



The workcell configuration



The island configuration

The linear configuration

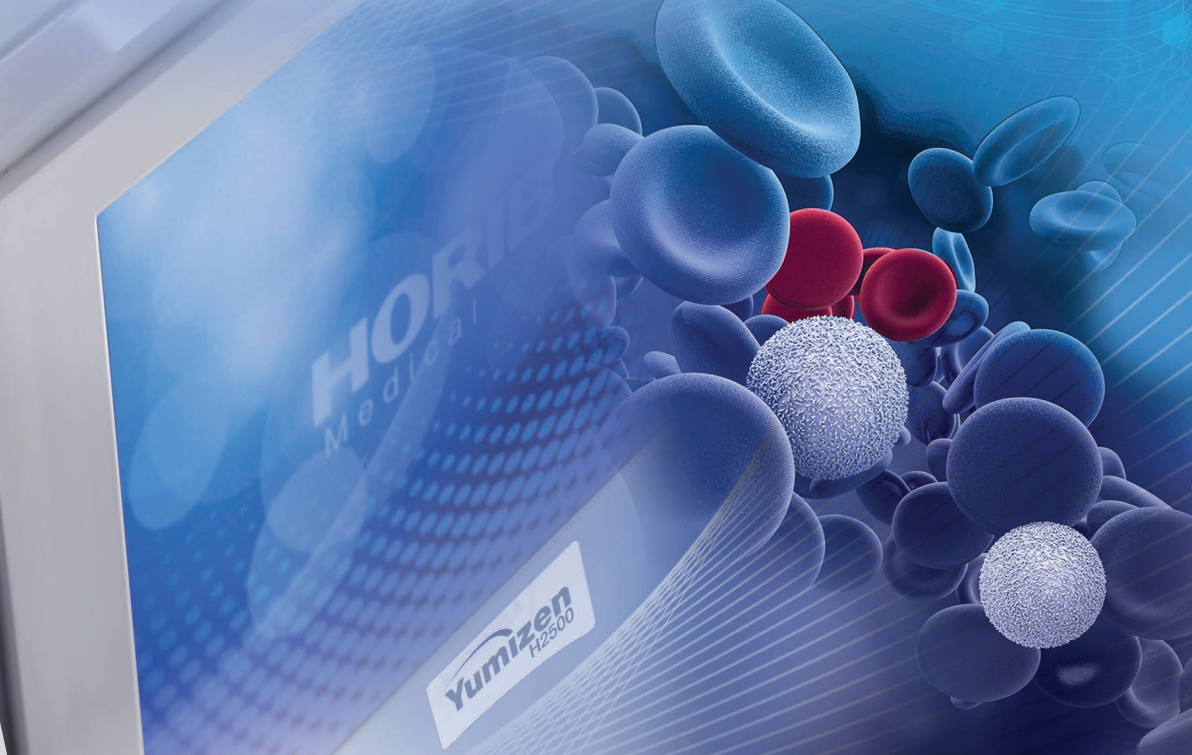


HELO* : Complete solution for hematology diagnostics.

* HORIBA Evolutive Laboratory Organisation



Giving dimension to your projects!



Yumizen
H range

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Exceeding laboratory's expectations

Yumizen
H2500

Yumizen
H1500



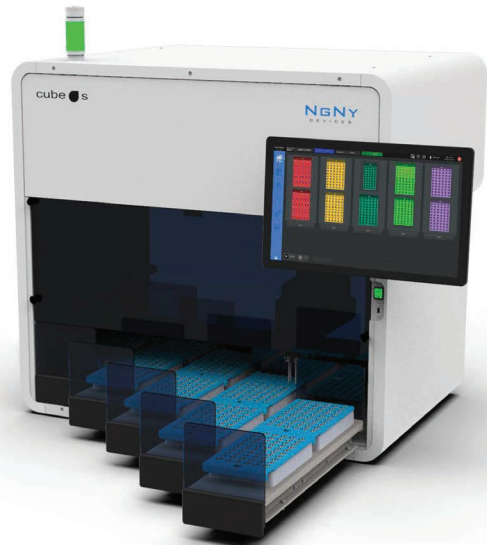
Mastering the analysis process to deliver reliable results

The new generation of HORIBA Medical automated hematology analyzer answers customers expectations of solid and reliable diagnostic technology as well as rapid and consistent results.

- A real throughput of 120 samples per hour for CBC-DIFF, NRBC
- 110 μ L sampling only
- 5 (H1500) or 6 (H2500) reagents.
- Up to 56 parameters.
- PLT-Ox (optical extinction technology) and Reticulocyte parameters dedicated to H2500.
- White and red blood cell immature channels
- Low value cycle (LVC)
- Adaptable configurations: Benchtop, floor-standing or tracked to the Yumizen T6000 (HELO* solution).

* HORIBA Evolutive Laboratory Organisation

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cube s

Pre and Post analytical compact sorter

Gain productivity and efficiency by improving tube workflow.

- Compliant with many barcodes, tubes and racks.
- Optimized sorting. Unlimited sorting destinations.
- Integrated automatic tube orientation. Throughput: 600 tubes/hour.
- Easy to use software.

Yumizen P8000

The new HORIBA Medical Hematology Middleware to improve your laboratory workflow and to automatize the results validation

Flexibility, Easily integrated, ergonomic software.

- Expert hematology validation station
- Multi site & Multi instruments. Centralize patient and quality control results
- TAT monitoring, remote access.
- Optimize the workflow (Rerun, Reflex and automatic validation)
- Efficient and customizable rules engine. GFHC rules embedded

Yumizen SPS

Option on Yumizen H2500 and H1500

The Yumizen SPS offers an optimal blood smear quality in a completely secure enclosure

The reference in fully automated smearing and staining ensures.

- Slides compatible with digitalizers
- Standardized Quality blood smears
- Customizable staining protocols
- A real throughput of 120 slides/h

Yumizen H500



Hematology Everywhere, for Everyone
Cost Effective Hematology Solution For Small Mid-Size Laboratories.

- Compact 6-Diff Hematology Analyzer
- Open Tube & Closed Tube Versions
- Only 3 Reagents for Diff Analysis
- 27 parameters, CBC/DIFF Analysis

Yumizen H550



Hematology Everywhere and Beyond
Full Walk Away Hematology Solution For Small Mid-Size Laboratories.

- Cost Effective Hematology Solution
- Compact 6-Diff Hematology Analyzer
- Integrated Auto Sampler
- Continuous Loading & STAT Mode



Pentra Range Micros Range Digitalisation Range

Exceeding laboratory's
expectations

Pentra **XLR** ABX **Pentra XL** 80



Compact and reliable hematology
platform including reticulocytes
by fluorescence

Integrated Validation Station.

- 36 parameters: CBC (13), DIFF (14), RET (9)
- Approximately 80 tests/hour
- Large capacity auto-loader (100 tubes)
- Micro-sampling on whole blood (CBC, RET: 35 μ L, CBC+DIFF : 53 μ L)
- Customized Dilution Ratio (CDR)

Pentra **MS** CRP



Infection screening system

Exclusive full differential hematology count + CRP measurement on compact analyzer with dedicated workstation.

- DIFF + CRP results in 3 minutes (20 tests/hour)
- 27 parameters: CBC (12), DIFF (14), CRP (1)
- Micro sampling on whole blood (DIFF: 26 μ L, DIFF+CRP: 35 μ L)
- Open tube sampling

ABX Pentra 60 C+ Pentra ES 60



To go further
in your diagnosis

Dedicated Workstation.

- 60 tests/hour
- 26 parameters: CBC (12), DIFF (14)
- Micro-sampling on whole blood (CBC: 30 µL, CBC+DIFF : 53 µL)
- Closed tube (for ABX Pentra 60C+) or open tube (for Pentra ES60)

ABX Micros ES 60



More than 30.000 Users
Worldwide

The Gold Standard of 3 Diff Testing.

- Compact & robust analyzer
- 60 tests/hour, 19 parameters (CBC+LMG)
- Whole blood micro sampling of 10 µL
- Proven quality results
- Pack or bottle reagents
- Open tubes and closed tubes versions
- Also available for veterinary application

Microsemi CRP



New Microsemi CRP LC-767G



CRP World exclusive concept

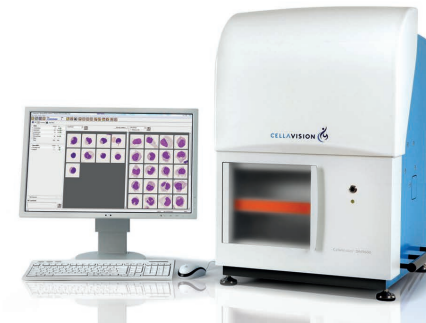
Simultaneous blood analysis + CRP measurement, along with data management.

- CBC+CRP results in 4 minutes (15 tests/hour)
- CBC results in 1 minute (55 tests/hour)
- 19 parameters
- Open Tube

CellaVision® DM1200



CellaVision® DM9600



CellaVision® DC-1

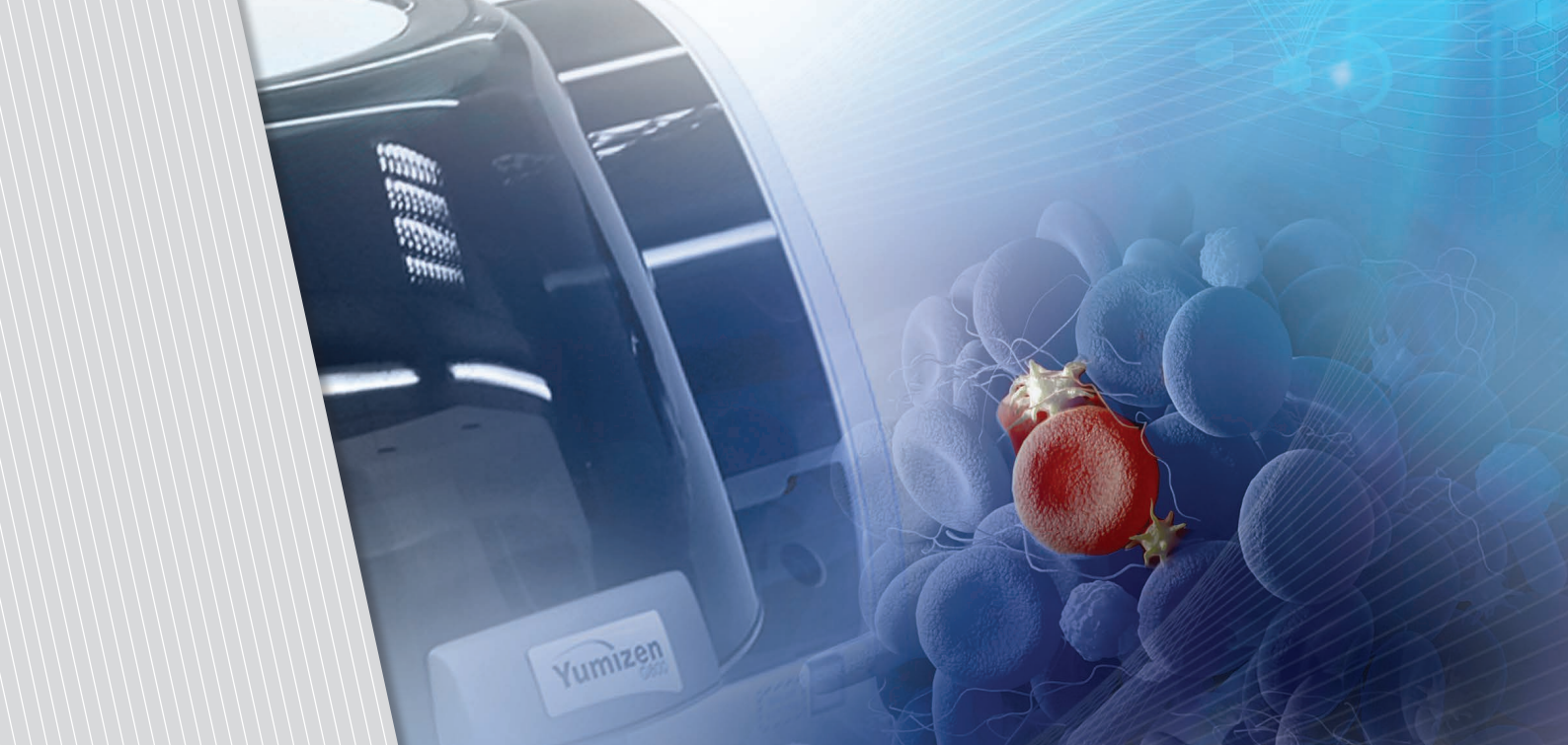


Improve efficiency, optimize quality, strengthen connectivity, develop skills

Digitizers and digitized cell analyzers for hematology laboratories

- Reduced examination time through digital capture, automatic pre-classification of white blood cell count and characterization of erythrocyte morphology
- Standardized analysis process, full traceability
- Remote validation/control, creation of networks of several instruments for sharing the same image database
- Collaborative work environment for real-time communication between readers, supervisors and cytology experts
- Optional expertise modules

CellaVision® DM9600, CellaVision® DM1200 and CellaVision® DC-1 are registered trademarks of CellaVision AB



Yumizen
G range

Exceeding laboratory's
expectations

HORIBA Medical offers 6 new analyzers and a comprehensive reagents menu from routine to specialized tests

Yumizen
G1550 *



*Optional cap-piercing

Yumizen
G1500



The Yumizen G1550/G1500 automatic analyzer meets your daily expectations.

- System auto-verification
- Run Calibration / QC
- Load Samples
- Request tests
- Run and Validation
- Automatic maintenance
- 80% of the routine reagents liquid and ready-to-use
- Most of the tests pre-calibrated

Yumizen G800



Fully Automated Hemostasis System

- Smart way to test
- Comprehensive Security
- Increased efficiency
- User friendly features
- Automatic maintenance
- 80% of the routine reagents liquid and ready-to-use
- Most of the tests pre-calibrated

Yumizen G400



Compact 4-channel semi-auto system designed for small laboratories to perform hemostasis screening and D-dimer testing

- 4 Independent measuring channels, 20 incubation positions
- QC management
- LIS connexion
- External data storage (USB device)
- Automatic maintenance
- 80% of the routine reagents liquid and ready-to-use
- Most of the tests pre-calibrated

Yumizen G200



Compact, 2-channel, semi-auto system for small laboratories to perform hemostasis screening and D-dimer testing

- 2 independent measuring channels, 4 incubation positions
- QC management
- LIS connexion
- External data storage (USB device)
- Automated maintenance
- 80% of routine reagents ready to use in liquid formulation
- Most tests are pre-calibrated

Yumizen G100



The smallest analyzer for Emergencies rooms and satellite laboratories monitor oral anticoagulant

- Whole Blood Point of Care System
- Smart Way to Test
- Reduce Cost of Care
- Increase Efficiency
- User Friendly Features
- Automatic maintenance
- 80% of the routine reagents liquid and ready-to-use
- Most of the tests pre-calibrated



Yumizen C range

Exceeding laboratory's expectations

Yumizen C1200



Restricted sales areas

Big lab automation in a small footprint

- High efficiency & optimal workflow for medium to large sized laboratories
- 800 to 1200 tests/hour plus a dedicated STAT loader to guarantee the flexibility request in everyday use
- Large menu of assays to fulfill current laboratories needs and coming health requirements
- High speed and micro-volume technology for improved performance & cost efficiency
- Autoloader as an accessory: Yumizen C1200 AL



Clinical Chemistry

Choose Serenity and Experience for your Clinical chemistry

Pentra 400

Now, pass your Analysis with flying colours

From routine to specific tests, a single system for all your analyses.

- Up to 420 tests per hour with the ISE module
- 55 on-board parameters with backup possibility
- Innovative cassette format
- Integrated Validation Station



Pentra 200

The clinical chemistry system that offers more so you do less

The fully automated compact system.

- 90 tests/hour (Single or dual reagent)
- Up to 360 test/hour with ISE module
- 15 parameters on board + ISE
- Automatic cuvette loader
- Internal barcode reader
- Ergonomic and intuitive software
- Innovative cassette format





Quality Programs

Exceeding laboratory's expectations



QUALITY CONTROL PROGRAM

Online Interlaboratory Comparison Program.

- 8 Reports generated in real time online
- 3 types of peer groups1: World, Country and Specific
- 24 months online availability of reports and submitted data
- Online registration via QCP website
- Unlimited numbers of additional users with restricted access under the main user



QUALITY SLIDE PROGRAM

An Affordable Digital tool for “Skill Evaluation & Training” in Cytology.

- Cyto-morphological quality control.
- Personnel qualification tool.

Every month, 6 different cases (pathological or normal), reviewed by a college of experts, are downloadable in virtual slide format.



QUALITY ACCREDITATION PROGRAM

A complete program (pre-installation, qualification, follow-up), document file support for accreditation in hematology.

- Documentation strategy with quality management file.
- Single document to provide relevant information required for the accreditation process.
- Knowledge enhancement and privileged support



HORIBA Medical

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