



Hematology,
Clinical Chemistry
& Coagulation

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



Hematology

Clinical Chemistry



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HORIBA Evolutive Laboratory Organisation

Giving dimension
to your projects!

The angular configuration



The island configuration

The workcell configuration



The linear configuration





Yumizen
H range

Choose Yumizen,
you will stay zen



Picture not contractually binding

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 and slides
- 110 μ L sampling only
- Up to 55 parameters
- Low value cycle (LVC) and optical platelets (optical extension technology)
- White and red blood cell immature channels

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

Flexibility, Easily integrated, ergonomic software.

- Middleware and expert validation station with Multi site management capacities : patient's results, Quality Controls,
- Multi instrument connectivity,
- TAT monitoring, remote access.
- Complete traceability for Accreditation

Option on Yumizen H2500

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

The reference in fully automated smearing and staining ensures.

- User and results security
- Standardized Quality blood smears
- Bi-directional query mode for requested or reflex slides
- A real throughput of 120 slides/h



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
- Expert multi sites validation station embedding standard rules packages (ISLH rules, Rerun, Reflex, Comment, Validation)
- On board reagents
- Automatic 360°C rotative sample mixing for perfect homogeneity
- Up to 55 parameters
- Low value cycle (LVC) with extended counting
- NRBC included in the DIFF cycle

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



Hematology

Process Efficiency
in Hematology

Pentra **DX** Nexus **SPS** Pentra **DF** Nexus



Reliability, Ergonomics and Efficiency

Improve your hematology workflow.

- **50 parameters**
CBC (12), DIFF (20), RET (11), ERB (3), CBF (4)
- **Complete cytology platform**
120 samples per hour
Automatic reflex testing
Automatic validation of results
- **SPS Evolution**
Integrated slide maker (option)
- **Validation Station**

EasyCell[®] assistant



Create additional workstations for greater efficiency and collaboration

Cell Image Analysis for the Hematology Laboratory.

- Productivity improvement
- Time saving
- Assisted accurate final classification
- Traceability of all scans

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, 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, 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, 18 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

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





Clinical Chemistry

Choose Serenity and
Experience for your
Clinical Chemistry



The new clinical chemistry offer by HORIBA Medical

- 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

Restricted sales areas

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



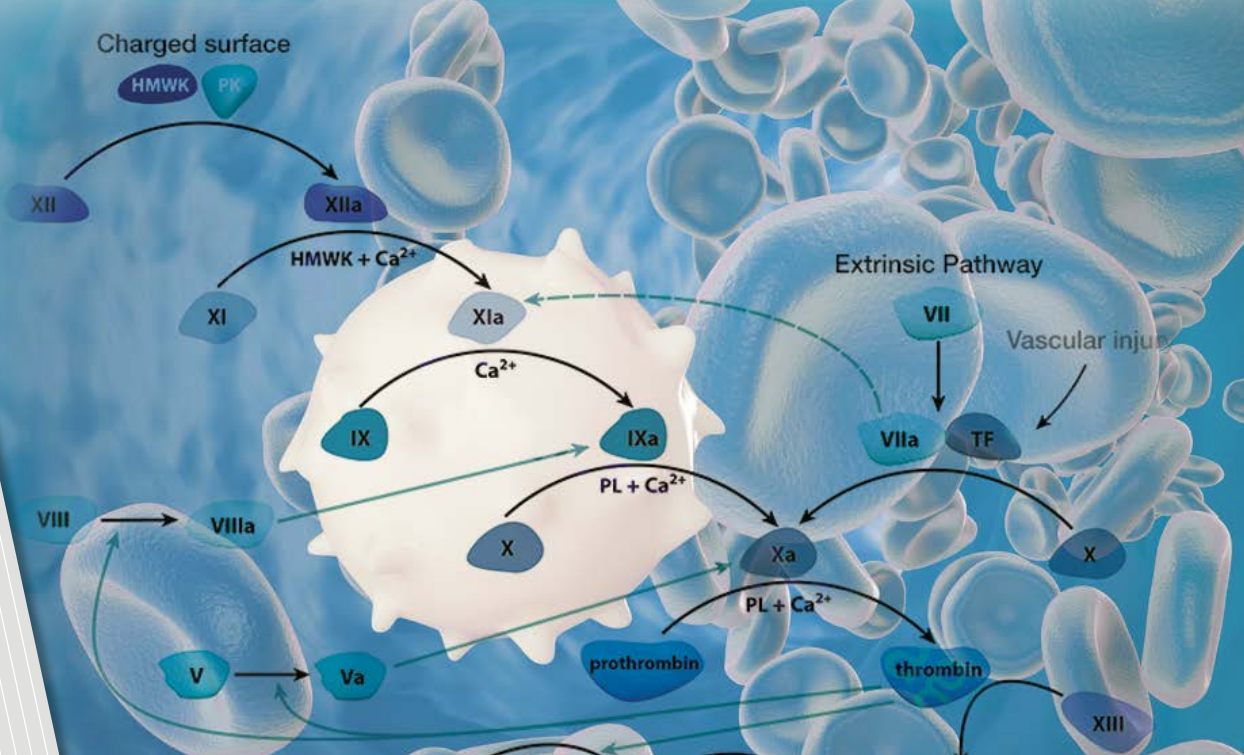
Pentra 200

The clinical chemistry
system that offers
more so you do less

The fully automated compact system.

- 15 parameters on board + ISE
- Automatic cuvette loader
- Internal barcode reader
- Ergonomic and intuitive software
- Innovative cassette format





Yumizen
G range

My Companions
for Coagulation
Diagnostics

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

Yumizen
G1550



Yumizen
G1500*



The Yumizen G1550/G1500 automated analyzer meets those daily expectations thanks to its unique features

- System auto-verification
- Run Calibration / QC
- Load Samples
- Request tests
- Run and Validation

* Optional cap-piercing

Yumizen G800



Fully Automated Coagulation Instrument

- Smart way to test
- Comprehensive Security
- Increased efficiency
- User friendly features

Yumizen G400



Compact 4-channel instrument designed for small laboratories to perform coagulation screening

- Smart way to test
- Security
- Increase efficiency
- User friendly features

Yumizen G200



Compact 4-channel instrument
designed for small laboratories
to perform coagulation screening

- Smart way to test
- Security
- Increase efficiency
- User friendly features

Yumizen G100



The smallest analyzer for point of care
laboratories to monitor oral anticoagulant

- Whole Blood Point of Care System
- Smart Way to Test
- Reduce Cost of Care
- Increase Efficiency
- User Friendly Features



Operating IMS

HORIBA
Medical

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