

Healthcare

PORTFOLIO



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2020/2021 ISSUE

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Quality Control Products:



Internal Quality Control (IQC)

Bio-Rad harnesses independent QC to take your lab to the next level, so you can stand behind your results, minimize risk and costly errors, and improve your workflow to power exceptional performance for your laboratory.

We offer high-quality materials, insightful informatics systems and renowned customer support, including staff training, lot reservation and technical expertise. We go beyond just monitoring precision to help you improve performance in your laboratory. We demand and invest in quality—because the patients deserve nothing less.

What we offer for Daily QC run?

Blood Gas Control

- Bio-Rad offers aqueous control for daily QC with the option of being stored at room temperature (up to 25°C)

Chemistry Control

- Maximum confidence, minimal hassle with clinical chemistry control solutions from Bio-Rad

Infectious Disease Control

- A comprehensive guide for monitoring testing of Hepatitis, Retrovirus, Sexually Transmitted and Congenital Diseases

Molecular Control

- Our new Amplichek quality controls contain intact pathogens to monitor the entire testing process, including cell lysis and extraction

Cardiac Assessment Control

- Helping laboratories address the growing complexity of measuring multiple Cardiac Markers at increasingly sensitive levels

Serum Indices Control

- To monitor the ability of an analyzer to detect HIL interferences

InteliQ

- A smart QC that simplified your QC workflow with load and go efficiency

Therapeutic Drug Monitoring

- Provide assigned value for over 50 Therapeutic Drug Monitoring (TDM) methods to aid in providing reliable results

Coagulation Control

- Cost conscious laboratories can take advantage of the 48 hour open-vial stability at 2–25°C for basic coagulation tests provided by Lyphochek Coagulation Control

Hematology Control

- Bio-Rad offers control for multi-parameter analysis across a wide variety of instrument platform

Toxicology Control

- Bio-Rad Drugs-of-Abuse Controls meet SAMHSA* and other agency guidelines and are made from human urine with pH, specific gravity and creatinine concentrations that fall within the limits of normal human urine

Diabetes/ Hemoglobin Control

- The Hemoglobin A1C values in our controls are listed in both NGSP (%) and IFCC (mmol/mol) units
- Meter Trax Control design to ease the use for Glucose, Hemoglobin and Hematocrit testing on point of care instruments

Immunoassay Control

- Offer over 200 analytes for routine and specialty assays and many of multi-analytes have analyte target value that at or near to clinical decision level

Urinalysis Control

- Suitable for use with manual or automated methods, including dipstick or microscopic analysis

Bio-Rad External Quality Assurance (EQA) program

- Blood Gas Program
- Blood Typing Program
- Cardiac Marker Program
- Clinical Chemistry Program
- Coagulation Program
- Ethanol/Ammonia Program
- Hematology Program
- Hemoglobin Program
- HIV/Hepatitis B Program
- Immunoassay Program
- Lipids Program
- Serum Protein Program
- Syphilis/ Chagas Program
- Therapeutic Drug Monitoring Program
- ToRCH/EBV/MuMZ Program
- Urinalysis Program
- Urine Chemistry Program

Clinical Diagnostics System Division (CSD) Products: Summary of Analysers

For over 30 years, Bio-Rad has been at the forefront in developing the world's most accurate and precise diabetes testing products. Today, Bio-Rad offers a full range of innovative HbA1c products for clinical and hospital laboratories. All Bio-Rad diabetes products are NGSP (National Glycohemoglobin Standardization Program) certified and IFCC aligned.

D-10 Hemoglobin Testing System

Bio-Rad D-10 Hemoglobin Testing System offers HbA1c testing and β -thalassemia testing in a compact system. Reagents are ready to use that aids physician's diagnosis of prediabetes & diabetes.



VARIANT II Turbo Hemoglobin Testing System



D-100 Hemoglobin Testing System



With higher workload, Variant II Turbo and D-100 Hemoglobin Testing System offers HbA1c testing as easy as A-1-c

VARIANT II Hemoglobin Testing System

Bio-Rad VARIANT II Hemoglobin Testing System offers HbA1c testing and β -thalassemia testing in a fully automated platform. β -thalassemia testing reagents are ready to use and provides HbA2 and HbF percentage to aid in screening and detects the most commonly occurring abnormal haemoglobin variants.



VARIANTnbs Newborn Hemoglobin Screening System

The VARIANTnbs Hemoglobin Testing System tests newborn dried blood specimens for abnormal hemoglobins associated with sickle cell disease and other hemoglobin disorders. The VARIANTnbs is specifically designed for high-capacity screening and walk-away automation, reducing labor requirements and human errors. commonly occurring abnormal haemoglobin variants.





ChemoLIMS is a Laboratory Information Management System (LIMS). ChemoLIMS provides all the basic functionality required in a LIMS including sample/work registration, test allocation, sample receipt, sample preparation, result entry, result validation, sample approval and reporting.

The implementation of a LIMS in a laboratory will eliminate transcription and calculations errors that are inherent in manual data management.

ChemoLIMS® establishes an unprecedented level of integration with any scientific or analytical equipment for real-time sample data collection, archival, processing and remote access. The advanced features of ChemoLIMS® cater to the varied requirements of different laboratory, clinical and management individuals in an integrated workflow. These include:

- Easy retrieval and viewing of raw data originating from different equipment/analysers by bench level lab technologists/scientists.
- Centrally stored raw data is available from location to lab technologists/scientists in real-time.
- Real-time data analysis on demographic and geographic trends by group leaders/management.
- Easy management of system, data, databases, instrument interfaces/connectors by system administrators.



CPC Diagnostics

CPC Diagnostics Pvt. Ltd. is a dedicated provider of products and services to the in-vitro Diagnostics industry in India, Srilanka and Bangladesh since 1987. The strength of CPC is derived through delivering valuable products and timely supports, investment in new geographies and diversification in the diagnostics or healthcare space.

CPC Automated Tube Labeler – ATL60

Best in Minimize Pre-Analytical Errors while Optimizing Turnaround Times of Diagnostic Process

- Automated selection of tubes based on data from the LIS
- Automated Printing and Affixing of the Barcode labels in the selected tubes
- Dispensing of 5 tubes in less than one minute per patient
- Holds 24 tubes per bin with 5 different types of tubes with a total loading capacity of 120 tubes.
- Supports commonly available bar codes – Code 128 and Code 39
- User friendly touch screen





Automated Line Immunoprocessor

PlexMAT 4

Profiling solution to empower your lab:

- Easy way to perform multiple immune assays in one go
- Different profiles in one run
- Enhances performance through multitasking
- Run up to 4 strips per run
- Automated probe washing and reagent sensing available



PlexMAT 8

Highlights:

- High Precision and reproducibility
- Fast and simple test procedure
- Up to 8 strips per run
- 25 preloaded assays in 7 groups
- Preloaded EUROLIne Scan software for quantitative results



As an international leader in medical and safety technology, Dräger develops innovative equipments and solutions trusted by people all over the world.

No matter where Dräger products are used: it's always about life. Whether for use in clinical, industrial or mining applications, in firefighting or rescue services, Dräger products protect, support and save lives.

Dräger Jaundice Meter JM-105

The Dräger Jaundice Meter JM-105 gives you consistent quality screening, cost-effectively delivered over the lifetime of the device.

As a result you optimize the efficiency of your jaundice management program, which can help save time and money while delivering an exceptional standard of care.





Autoimmunity



Rheumatology



Hepatology



Gastroenterology



Endocrinology



Neurology



Nephrology



Dermatology

Infection diagnostics



SARS-CoV-2 infection /



Gastrointestinal
infections



Respiratory infections



CSF diagnostics



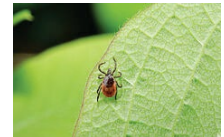
Parasite infections



Pregnancy-relevant
infections



Sexually transmitted
infections



Tick-borne infections



Emerging diseases



Herpes virus infections



Mycoses



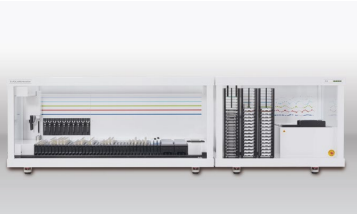
Vaccine-preventable
diseases

EUROIMMUN
a PerkinElmer company



Automation

IFA - fast and reliable IIFT automation system



EUROLabWorkstation IFA



EUROPattern
(fully automated IIFT microscopy)

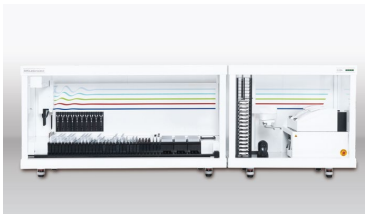


EUROStar III Plus
(LED microscope for
fluorescence and transmitted-
light microscopy)

ELISA - fully automated, user friendly ELISA processing system



EUROIMMUN Analyzer
I-2Ption IFA



EUROLabWorkstation ELISA



EUROArrayScan System
(analysis & evaluation system
for molecular diagnostics)

Microarray

Immunoblot - Automation system for Immunoblot strips



EUROLinMaster



EUROBlotOne



Beginning in 1934 as Japan's pioneering photographic film maker, Fujifilm has leveraged its imaging and information technology to become a global presence known for innovation in healthcare, graphic arts, optical devices, highly functional materials and other high-tech areas.

μTASWako™ i30

μTASWako™ i30 (Micro Total Analysis System) is the worldwide unique system for the automated measurement of the biomarkers AFP-L3 and DCP.

μTASWako™ i30 integrates immunoassay steps in disposable, microfluidic microchips. Single tests can be performed in only 9 minutes.



Both, AFP-L3 (lectin-reactive alpha-fetoprotein) and DCP (des-gamma-carboxy prothrombin), have been shown to be specific for risk assessment of the main primary liver cancer hepatocellular carcinoma (HCC.)

Sensing Ahead, Caring More

*Leading the future with
advanced biosensor technology and insight.*

Founded in year 2000, i-SENS is a global company dedicated to improving the lives of people with diabetes and those who care for them.

i-sens A1Care™ Hemoglobin Testing System

Point of Care Testing offers HbA1c testing at your fingertips for clinics, wards or small-scale laboratories use. Each test packed individually with self-contained reagent cartridge and without the hassle of sample pre-treatment best fit any small-scale testing anytime, anywhere.





Founded in 1991, Mindray is one of the leading global providers of medical devices and solutions. Firmly committed to the mission of “advance medical technologies to make healthcare more accessible”, and dedicated to innovation in the fields of Patient Monitoring & Life Support, In-Vitro Diagnostics, and Medical Imaging System.

Mindray Hematology Analyzer

•3 Part

BC-30 Auto Hematology Analyzer: 3-Part Hematology Analyzer with minimum size and maximum capability



•5 Part

BC-5150 Auto Hematology Analyzer: “CUTE” 5-Part Hematology Analyzer suitable for low-medium daily sample volume



BC-5380 Auto Hematology Analyzer: 5-Part Hematology Analyzer with Autoloader to ease daily workflow in laboratory



Mindray Hematology Analyzer



BC-6000 Auto Hematology Analyzer: 5-Part Hematology Analyzer with Autoloader suitable for medium to high daily sample volume

BC-6200 Auto Hematology Analyzer: 5-Part Hematology Analyzer with Autoloader, with NRBC in each CBC results and complete with Retic parameter



BC-6800 Plus Auto Hematology Analyzer: Advanced 5-Part Hematology Analyzer for high workload laboratory



CAL-6000: New Generation Cellular Analysis Line for Hematology Automation with automated Slide Maker & Stainer

SC-120 Automated Slide Maker & Stainer: Reliable automation, high class blood smear. SC-120 is a standalone unit and it could also be integrated into the Mindray CAL 8000/CAL 6000 cellular analysis line.



Mindray Chemistry



BS-240 Pro & BS-360E : A whole new generation of benchtop chemistry analyzer, with smaller footprint, robust functionality, user-friendly designs and long uptime. (optional ISE)



BS-380: Automated Floor Stand Chemistry Analyzer with throughput of 300 tests/ hour (optional ISE)



BS-480: Automated Floor Stand Chemistry Analyzer with throughput of 400 tests/ hour (optional ISE)



BS800M: High-End Automated Clinical Chemistry Analyzer for high daily workload laboratory (inbuilt modular system)



SAL 6000: Integrated Modular System of chemiluminescence (CL2000i) + clinical chemistry system (BS800)

Mindray Chemiluminescence Immunoassay System

CL-900i: High-End Automated Benchtop Immunoassay Analyzer for high daily workload laboratory



CL-1000i & CL-1200i: Automated Benchtop Immunoassay Analyzer for small to medium workload laboratory

CL-2000i: High-End Automated floor stand Immunoassay Analyzer for high daily workload laboratory



Mindray SK Series

Infusion Pump SK600I and SK600II

Safety

- High accuracy: $\pm 5\%$, satisfying neonatal use
- Water-proof membrane on fingers preventing leakage into pump body
- Anti-bolus feature to mitigate clinical risk of sudden pressure release
- IP34 dust and water protection

Friendliness

- Compact design with light weight
- Embedded handle allows for easy transportation
- Straightforward IV set installation
- Intuitive programming procedure with quick guidance on screen

Connectivity

- Nurse call/ RS 232/ DC input



Syringe Pump SK500I, SK500II and SK500III

Safety

- High accuracy: $\pm 2\%$, satisfying neonatal use
- Fast start function and Anti-bolus feature, ensure patients' safety
- IP34 dust and water protection

Friendliness

- 3" large LCD screen allows infusion status to be viewed easily
- User friendly keypad design
- Embedded handle allows for easy transportation
- Intuitive programming procedure with quick guidance on screen
- Drug name display, History record, Last therapy parameter memory

Connectivity

- Nurse call/ RS 232/ DC input





Nova Biomedical is a company dedicated to using advanced technology to develop better blood testing analyzers for medical use. These products are called in vitro diagnostic devices (IVD).

Nova Biomedical **Stat Profile® pHox Ultra**

Best Value for Blood Gas Critical Care Testing

pHox Ultra to deliver up to 20 critical care tests from one small, 210 microliter sample in only 2 minutes. Other partial test panels are available in less than one minute. Measured tests include: pH, PCO₂, PO₂, SO₂%, Na, K, iCa, iMg, Cl, Glucose, Urea /BUN, Creatinine, Lactate, Hct, Hb, O₂ Hb, HHb, COHb, MethHb and tBil.

Ionized Magnesium

pHox Ultra provides ionized magnesium as part of its electrolyte panel. Ionized magnesium is a very important electrolyte for cardiac health. This electrolyte works with potassium and calcium to maintain strong and rhythmic cardiac contraction. It is the most common electrolyte abnormality among post operative intensive care patients.



Stat Profile® pHox

Advanced Technology Blood Gas Critical Care Analyzers

pHox models combine advanced optics, long-life biosensors, rugged electromechanical design, and computer automation to provide the best clinical and economic value for blood gas and critical care analyses

pHox Models/Menus

Stat Profile pHox Basic: pH PCO₂ PO₂

Stat Profile pHox Oximetry: pH PCO₂ PO₂ SO₂% Hct Hb

Stat Profile pHox Plus: pH PCO₂ PO₂ SO₂% Hct Hb Glu Na+ K+ Ca++ or Cl-

Stat Profile pHox Plus C: pH PCO₂ PO₂ SO₂% Hct Hb Glu Na+ K+ Ca++ Cl-

Stat Profile pHox Plus L: pH PCO₂ PO₂ SO₂% Hct Hb Glu Lac Na+ K+ Ca++ or Cl-

Stat Profile pHox Plus M¹: pH PCO₂ PO₂ Hct Glu Lac Na+ K+ Ca++ Mg++



Ionized Magnesium

pHox Plus M provides ionized magnesium as part of its test panel. Ionized magnesium is a very important electrolyte. It works with potassium and calcium to maintain strong and rhythmic cardiac contraction.

Nova Biomedical

Stat Profile® Prime

New generation critical care blood gas analyzer that combines the revolutionary micro-electronics of the consumer world with Nova Biomedical's innovative MicroSensor Card™ technology for a simpler, smaller, faster, and less expensive analyzer.

3 Models, Up to 10 Tests

Blood Gas Model: pH, PCO₂, PO₂

Blood Gas/Electrolyte Model: pH, PCO₂, PO₂, Hct, Na, K, Cl, iCa

Blood Gas/Electrolyte/Metabolite Model: pH, PCO₂, PO₂, Hct, Na, K, Cl, iCa, Glu and Lac



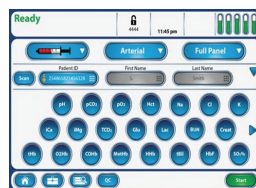
Stat Profile® Prime Plus

Stat Profile Prime Plus is a comprehensive, whole blood critical care analyser that combines blood gases, electrolytes, metabolites, co-oximetry and 32 calculated results in a simple, compact analyser. The analyser combines maintenance-free, replaceable cartridge technology for sensors and reagents with a patented, new, maintenance-free, non-lysing whole blood co-oximetry technology.



Most comprehensive critical care menu

PO₂, PCO₂, pH, Hct, tHb, Na, Cl, K, TCO₂, iCa, iMg, Glu, Lac, SO₂, O₂HB, COHb, MetHb, HHb, tBil, HbF, Urea (BUN), Creatinine, and eGFR



Nova Biomedical

Nova StatStrip® Lactate Point-of-Care Measuring System

Nova StatStrip lactate meters for screening, diagnosis and management of sepsis, septic shock and trauma patients. Single-Use Lactate Biosensor Test Strip. StatStrip lactate advanced technology now enables simple, rapid, and accurate assessment of Sepsis by finger stick capillary blood sampling at the point of care.



- Fast 13 second results.
- Easy operation make routine screening.
- Serial testing of lactate practical in any department that treats critically ill patients.
- Routine screening of lactate allows for immediate detection of serious illness such as sepsis or septic shock.
- Serial lactate testing allows goal directed therapy to enhance effectiveness of therapy for sepsis, septic shock and other critical conditions.
- Time to normalize lactate, which requires serial lactate analyses, gives an indication of cumulative oxygen debt and an ultimate prognosis in sepsis, septic shock and other illnesses.

Nova StatStrip® Creatinine Measuring System

StatSensor Creatinine, a handheld analyzer and miniaturized, disposable biosensor for whole blood creatinine testing. StatSensor advanced technology now enables simple, rapid, and accurate assessment of renal function by finger stick capillary blood sampling at the point of care.



- Single-Use Creatinine Biosensor Test Strip.
- Virtually Painless Finger Stick Capillary Blood Sample, 1.2 μ L
- Fast, 30 Second Analysis
- Wide Measurement Range 0.3-12 mg/dL (27-1050 μ mol/L)
- Calculated eGFR and Creatinine Clearance



Healthcare

PORTFOLIO



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