

mindray

healthcare within reach

IVD

Product Catalog



www.mindray.com

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healthcare within reach



About Mindray

Founded in 1991, Mindray is a leading global provider of medical devices and solutions. Firmly committed to advancing medical technologies to make healthcare more accessible, we are dedicated to innovation in the fields of Patient Monitoring & Life Support, In-Vitro Diagnostics, Medical Imaging Systems and Orthopaedics, among others. Headquartered in Shenzhen, China, Mindray is a multinational corporation with 52 subsidiaries across the globe. Our products and services are available in over 190 countries and regions.

Mindray's In-Vitro Diagnostics business has expanded to cover the areas of hematology, biochemistry, chemiluminescence immunoassay, coagulation, urinalysis, HPLC analysis, microbiology and flow cytometry, with a total of over 100 analyzer models. Together with original manufacturer reagents, Mindray offers comprehensive laboratory solutions for medical institutions of all types and all levels. Mindray solutions are tailored not only towards small to mid-sized labs, but we are also leading the way in automation, from our cellular analysis line to serum line connecting chemistry and immunoassay. Our IVD products are well accredited by customers worldwide, serving healthcare facilities in over 150 countries and regions.

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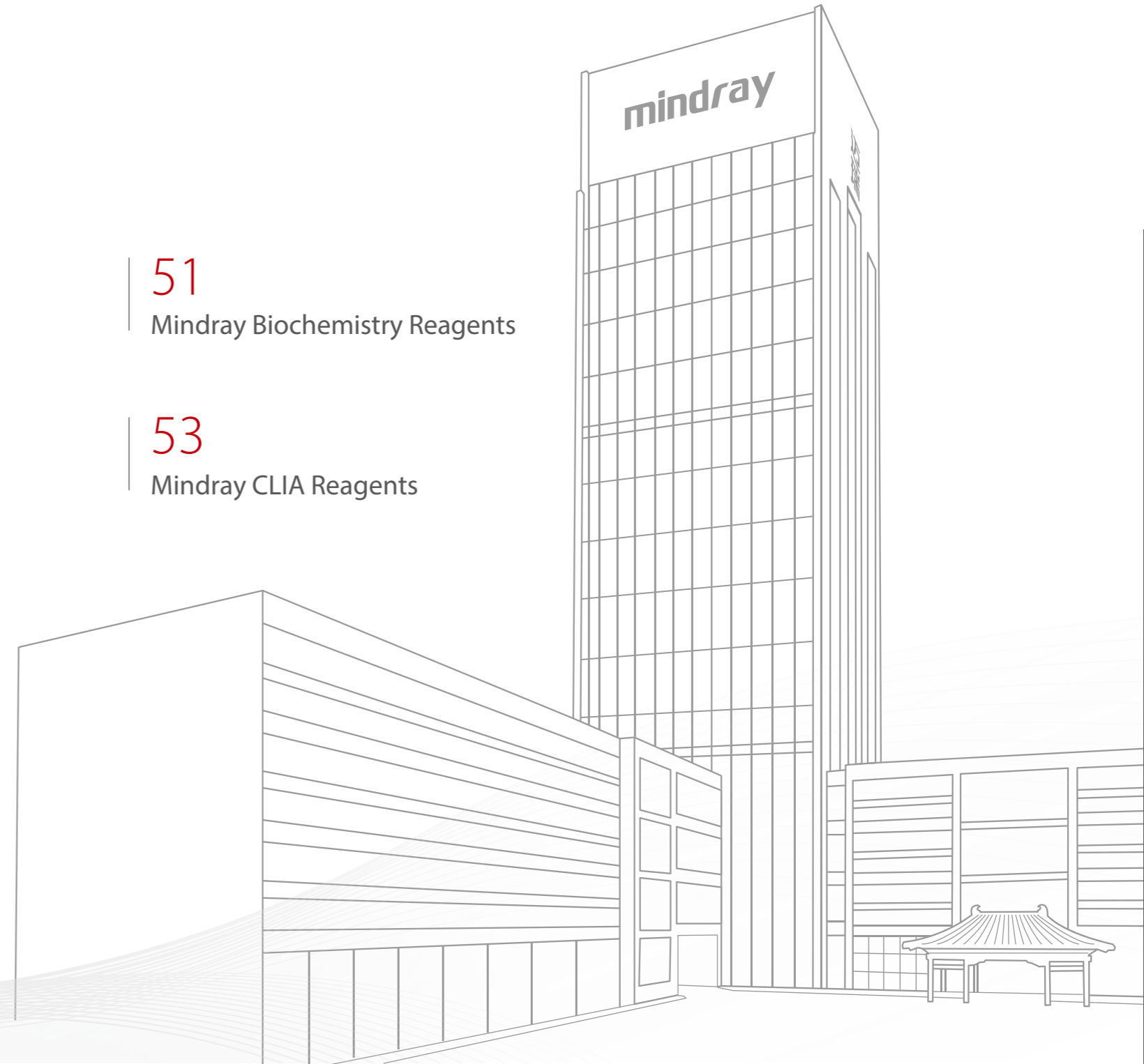
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Large-volume Laboratory Solutions



Large-volume laboratories are looking to

- reduce workload for lab personnel
- optimize workflow
- reduce turn-around time
- improve operational efficiency



Mindray provides automated, scalable solutions that can streamline and standardize the workflow for large-volume laboratories and maximize their efficiency on all levels.



[Learn more](#)

Streamlined Workflow for Maximum Efficiency



CAL 8000/CAL 6000 New Generation Cellular Analysis Line

Mindray provides automated, scalable solutions that can streamline and standardize the workflow for large-volume laboratories, significantly improving their efficiency.



Fewer blood smears

BC-6800Plus/BC-6200 utilizes Mindray's unique 3D SF Cube to analyze blood cells, lowering the false positive and false negative rates of the results.



Less human intervention

The labXpert helps with automated re-examination.

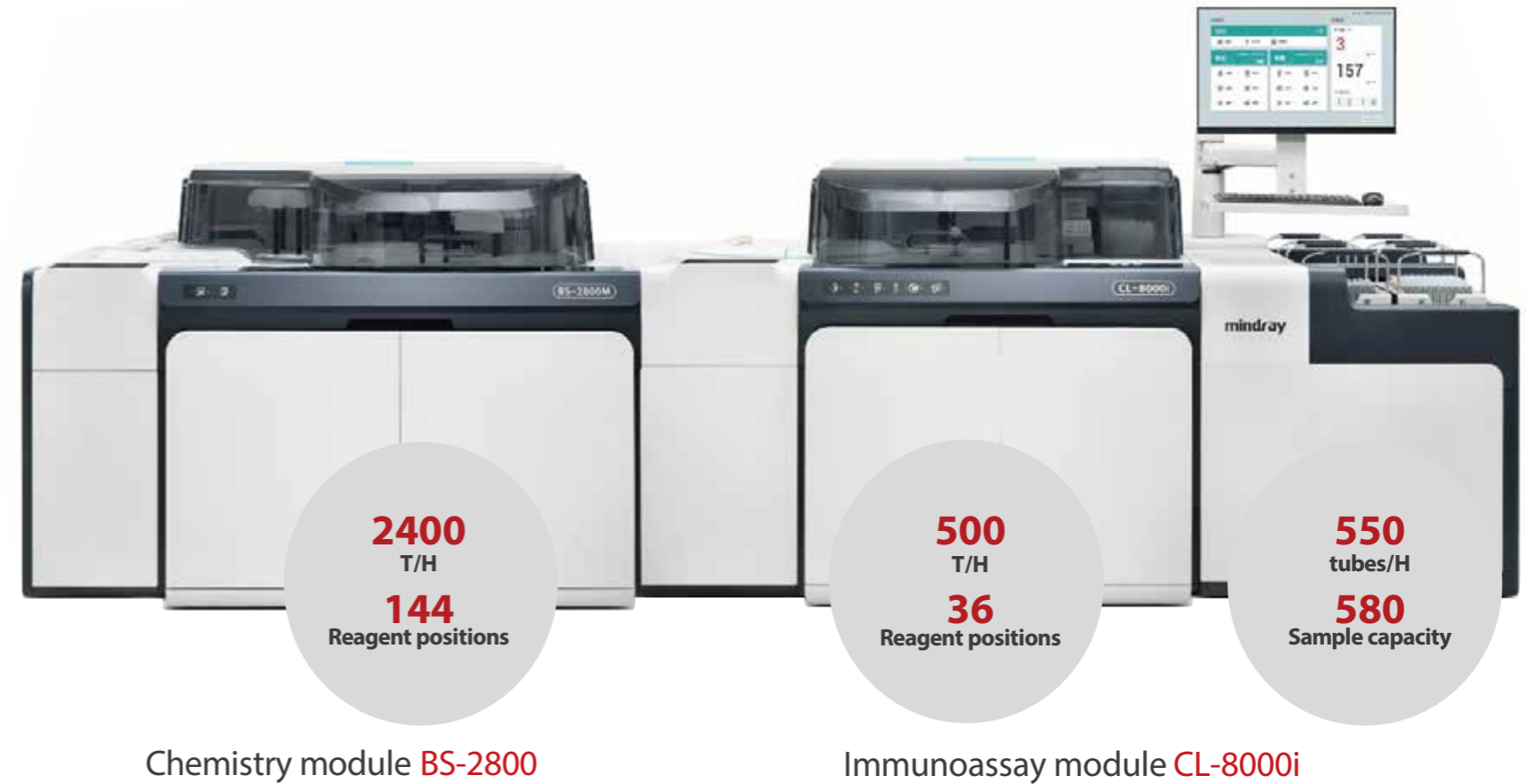


Increased processing capacity

The flexible configuration can fit different types of customers by providing a throughput ranging from 125 to 500 tests per hour.

M1000 Integrated System

M1000 is a chemistry and immunoassay integrated solution intended for large laboratories, with high efficiency and accuracy. It supports continuous loading of up to 600 samples at one time and auto tube de-capping. It is designed with innovative functions such as 360-degree sample barcode scanning, PDR optical platform, HILL SI solution, timely environment pressure and CO₂ monitoring, VU-Mix and FS-Sampling, and whole blood HbA1c with auto sample increment tests. All these innovations help to deliver high working efficiency and high-quality patient reports in a short turn-around time.



BS-2800 Chemistry Model



Ultrasonic cleaning of sample probes

- Automatically enable ultrasonic cleaning on demand to avoid continuous adhesion of the separation gel



Easy reagent management

- Independent PDA control
- Intelligent reagent consumption forecast
- Onboard loading of reagents during testing



PDR optical system

- 16-core photoelectric collection array
- Whole-cycle, all-wavelength detection
- Real time parallel collection



Efficient sample handling

- Automatic de-capping (up to 550 tubes/h), UV sterilization
- Sample random and continuous loading (up to 580 samples)



STAT quick test in 1 minute by dedicated channel

- STAT samples are always ready for testing in any situation, such as standby, running, calibration, QC, and maintenance, with no waiting. Higher priority is given to STAT samples during STAT tests



High throughput with 2400 tests per hour

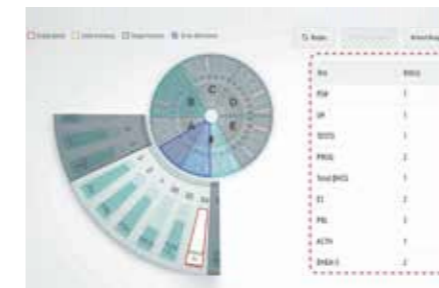
- Modularly designed to allow free combination to meet different sample volume requirements
- 2400 tests per hour on a single module

CL-8000i Immunoassay Model



VU-Mix (Vortex + Ultrasound Mix)

To minimize the interference of fibrin, CL-8000i adopts vortex-ultrasound mixing to remove fibrin conjugates.



FS-Sampling (Full Scene Sampling)

FS-Sampling can identify sample containers based on databases and algorithms, improving the accuracy of sample aspiration.



Intelligent prediction of reagents and consumables helps to optimize the workflow with users in mind

Integrations for Maximum Productivity



SAL 9000 Integrated Solutions

The SAL 9000 Chemistry & Immunoassay Integrated System delivers high-throughput chemistry and immunoassay testing by integrating Mindray BS-2000 Chemistry Analyzer and CL-6000i Chemiluminescence Immunoassay Analyzer. With patented automatic serum analysis design, SAL 9000 not only helps to optimize the management of lab space and manpower, but it also offers highly reliable test results.



CL6000i Immunology Module

- High throughput of 480 tests/hour, first result in 17 minutes
- 36 reagent positions with continuous loading/offloading
- Uniquely designed buffer disk to reduce cuvette jam
- Fully automated maintenance for a lightened workload
- Precise 4-phase magnetic separation



BS-2000 Chemistry Module

- Test speed kept constant at 2000 T/H
- 140 reagent positions with continuous loading/offloading
- Refrigerated sample carousel, 140-sample positions
- Complete traceability detection system



Powerful SPL Sample Distribution Module

- Patented double-layer & basket delivery design, up to 600 sample positions
- Continuous loading of single or multiple samples
- Independent STAT lane
- Intelligent distribution of samples for maximum module efficiency



Medium-volume Laboratory Solutions



Medium-volume laboratories are looking to

- improve workflow and efficiency
- upgrade with automation
- cut down operational expenses



Mindray's reliable solutions can help medium-volume laboratories optimize their workflow and operate with increased efficiency and robustness.



[Learn more](#)

High Performance for ALL

BC-6000
Auto Hematology Analyzer



Throughput: 110 tests/hour
Loading capacity: 50
CBC+DIFF

BC-6200
Auto Hematology Analyzer



Throughput: 110 tests/hour
Loading capacity: 50
CBC+DIFF+RET

BC-6800Plus
Auto Hematology Analyzer



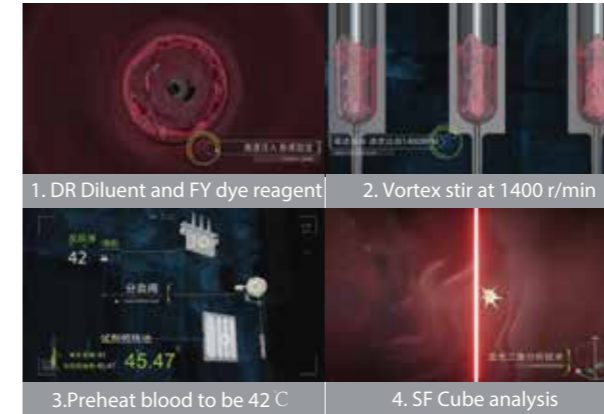
Throughput: 200 tests/hour
Loading capacity: 100

BC-6000 Series

CBC+DIFF and ESR Integrated Hematology Analyzers

The BC-6000 Series, including the auto hematology analyzers BC-6000, BC-6200 and BC-6800Plus, is developed to address the real challenges in frontline clinical settings. The BC-6000 Series delivers more than expected in terms of value, operation and cost performance.

Value +

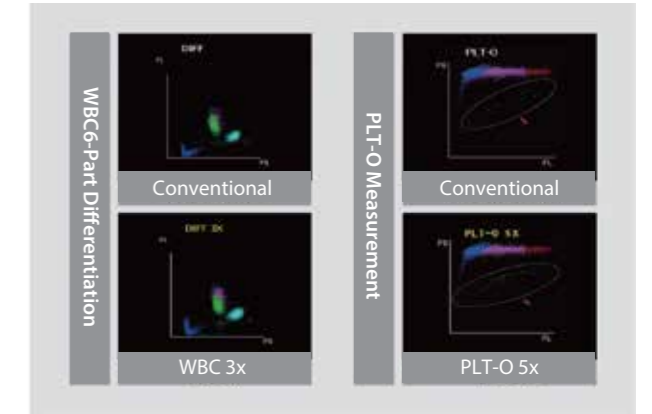


Unique PLT clumps de-aggregation function

Deliver accurate PLT results while reducing the cumbersome review work

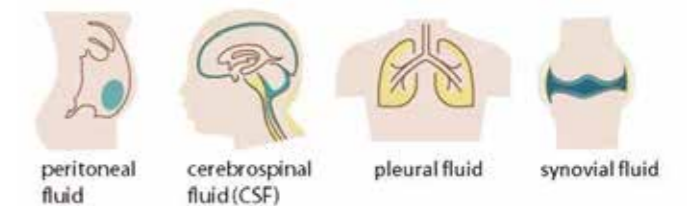
Body fluid analysis

The BC-6000 Series can analyze body fluids, including peritoneal fluid, pleural fluid, cerebrospinal fluid (CSF) and synovial fluid, without requiring dedicated reagents.



More reliable measurements for low-value samples

The 3D fluorescence analysis platform is designed with multiple counting WBC-3x and PLT-O 5x analysis modes to help ensure higher reliability for low-value WBC and PLT samples.



Above and Beyond



BC-700 Series

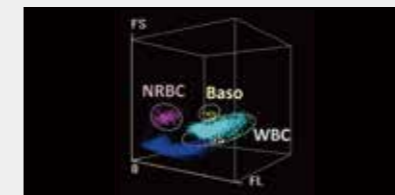
CBC+DIFF and ESR Integrated Hematology Analyzers

The BC-700 Series incorporates both complete blood count and erythrocyte sedimentation rate tests. This series, including two open vial models BC-700/BC-720 and two autoloader models BC-760/BC-780, is designed to empower medium-volume laboratories with advanced diagnostics technologies that are applied in the premium products.



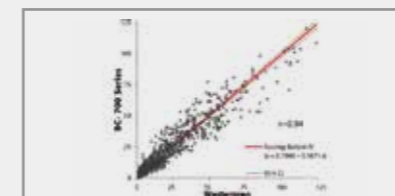
NRBCs in every CBC+DIFF analysis

NRBCs are reported to ensure more accurate WBC counting, thereby helping doctors diagnose hemolytic anemia and monitor hematopoietic diseases.



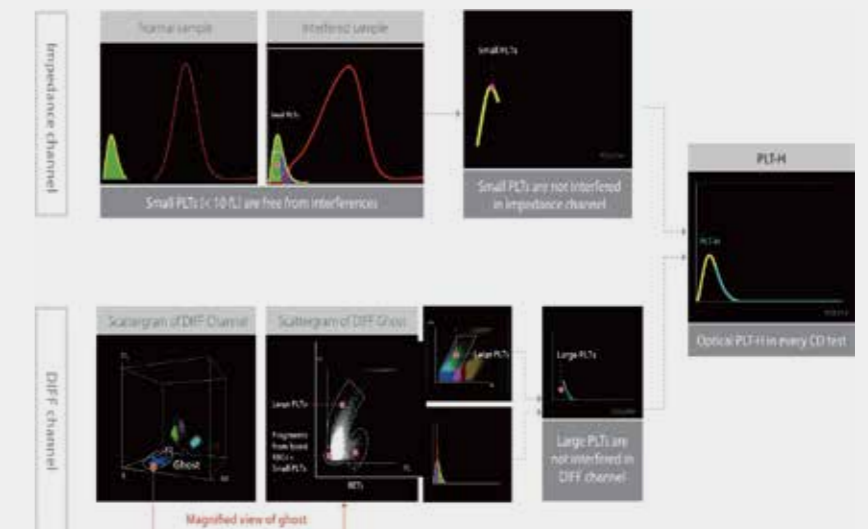
Easy-W ESR

Generates both CBC & ESR results in one test within 1.5 minutes and delivers comparable ESR results to the Westergren method.



Optical PLT-H in every CBC+DIFF analysis

It combines small PLTs from the conventional impedance method and large PLTs from the optical method. The solution can resist the interferences in conventional PLT detection without requiring extra reagents.



BS-800M

Auto Chemistry Analyzer

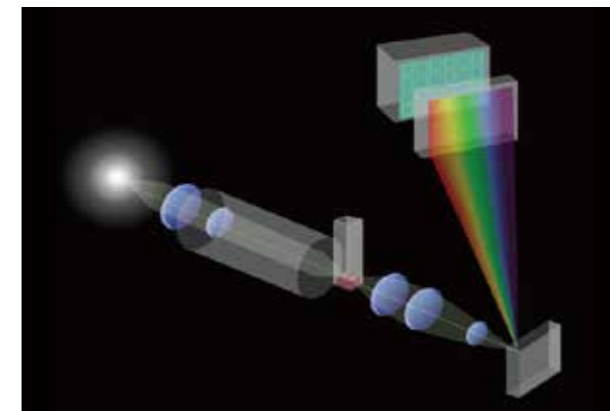
The BS-800M chemistry analyzer comes in a modular design and targets the mid-end market segment. The throughput of a single module to 1200 tests per hour with ISEs. With a loading capacity of up to 300 samples by SDM, it greatly increases the TAT during morning peak times. The enhanced washing system, the optical system, as well as powerful software functions ensure higher reliability of instrument and better testing performance. It can be connected with an extra BS-800 or CL-2000i analyzer to form a BS-800M2 or SAL 6000 integrated system.



- Continuous loading of samples
- STAT priority
- Whole blood HbA1c



- Independent sample and reagent carousels, 25 cooling positions for QC&CAL, and 120 positions for reagents
- Intelligent probes with liquid level detection, bubble and clot detection, and liquid level tracking



- Halogen tungsten lamp, lasting for up to 2000 h
- Concave grating system
- Reaction volume ranging 100-360 uL
- Direct solid heating, glass cuvettes



- Integrated ISE
- Powerful software function and user-friendly operating interface
- Original chemistry reagents with a rich test menu
- FDA and IVDR cleared

SAL 6000

Integrated Solutions

The SAL 6000 Chemistry & Immunoassay Integrated System seamlessly integrates the CL-2000i Chemiluminescence Immunoassay System and the BS-800 Modular System to deliver high throughputs. This scalable platform can not only optimize the workflow, but it also offers a satisfactory operating experience.



CL-2000i Immunology Module

- Up to 240T/H
- 36 reagent onboard positions
- Long walk-away time
- Continuous loading of reagents and consumables
- Unique design for effective distribution
- Uniquely designed rack delivery mechanism with manipulator assembly
- Random access and efficient distribution of sample racks
- Quick response to STAT, Auto-rerun and Reflex tests



BS-800 Chemistry Module

- Photometric 800T/H for routine chemistry, up to 1200T/H with ISE
- 120 reagent positions and 140 reagent positions by carousel
- Whole blood HbA1c
- Intelligent real-time monitoring system
- Complete traceability detection system

Powerful yet Efficient



BS-600M/620M Auto Chemistry Analyzer

BS-600M provides powerful functions to meet customers' different needs. With high performance, operational efficiency and cost efficiency, BS-600M delivers an amazing user experience for lab technicians.

Flexible Sample Management



Continuous Sample Loading

- Continuous loading of samples by racks
- Up to 120 sample positions
- Long walk-away time

Quick Start for Sample Rerun

- Auto start for sample testing
- Priority automatically given to STAT and Rerun samples

HbA1c Tests with Whole Blood



- Onboard hemolysis with whole blood to improve working efficiency
- No manual pretreatment is required, reducing biohazardous risks and human errors
- 120 T/H for HbA1c testing to shorten the TAT

Integrated ISE Module



Built-in ISE Module

- Report Na⁺, K⁺, Cl⁻
- 1 blood tube for electrolytes and photometric chemistry tests

Efficient and Easy Operation

- Up to 300 tests per hour
- Na/K/Ref electrodes with up to 9 months service life
- Automatic calibration
- Low consumption
- Easy operation and maintenance



Reliable Testing System



High Sigma Metric Performance

- The original reagents and validated application protocols lower the inaccuracy and imprecision which contributes to world-class and excellent sigma metric performance.
- With high sigma levels, the system allows laboratories to offer high-quality results at reduced costs and enhance clinician confidence and satisfaction.

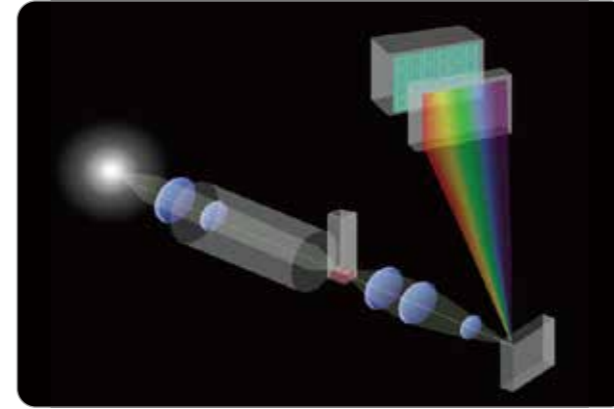
BS-430/BS-450 Auto Chemistry Analyzer

As the flagship stand-alone chemistry analyzer of Mindray, BS-430/BS-450 achieves a perfect balance between size and throughput with uniform reagent packages and software. With a throughput of up to 625 tests per hour with ISEs and whole blood HbA1c functions, it delivers high working efficiency and high cost efficiency for small to medium labs.

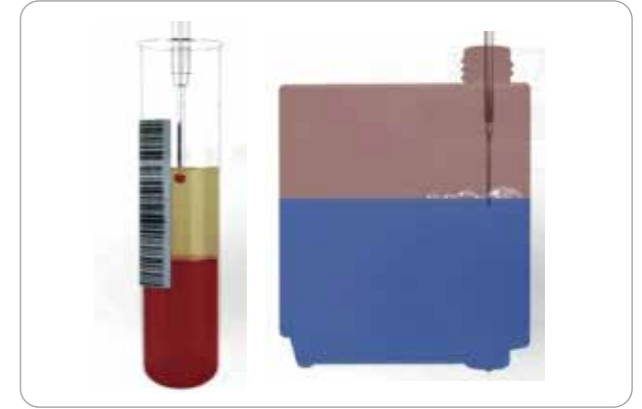


BS-430

BS-450



- The concave grating system comes with up to 10 years of service life, provides improved accuracy and reliability and maintenance free. The lamp can last for up to 2000 hours.



- Sample clot detection
- Reagent bubble detection, collision protection
- Liquid level tracking



- 420T/H, up to 625T/H with ISEs
- Quick start in 5 min
- Dry bath, maintenance free



- Whole blood HbA1c
- Anti Hb variants
- HbA1c traceable to IFCC and NGSP



- Original reagent ready for use
- Provide accurate results with complete measuring system (AAA+SOP)

Simple yet Robust



CL-1000i Chemiluminescence Immunoassay System

CL-1000i is a full-featured, robust immunoassay analyzer with comparable performance to CL-2000i, in a smaller benchtop package better suited for small-to-mid-sized labs. The system features a large loading capacity for samples and reagents, high performance and an easy-to-use operation interface.



- Throughput: 180T/H
- Large onboard capacity of 25 reagents
- 6 sample racks for loading, STAT priority
- Non-stop replacement of reagents and consumables during testing
- A touch screen monitor with a swing arm



Enhanced Reaction System

- 4-phase magnetic separation with precisely controlled temperature
- Comparable performance reliability to enhanced PMT detection system
- Non-touch vortexer mixing for reaction solution without any contamination



Sample Handling

- Continuous loading and offloading of samples by racks
- Unified sample racks with a detachable adaptor
- Real-time indication of rack status on lane numbers
- STATs prioritized



Consumables Management

- Random access for cuvette loading without pause or stop
- 88*2 cuvettes in one batch, 185 cuvettes per waste bag
- Real-time indication of cuvette and waste bag status

C3100/C3510

Auto Coagulation Analyzer

C3100 and C3510 are fully automated, high performance, compact analyzers that efficiently process routine and specialty coagulation assays. Equipped with mechanical (viscosity based) detection technology to test clotting items, as well as optical channels for chromogenic and immunoturbidimetric assays, it is an ideal choice for mid to high-volume laboratories.



C3100

Auto Coagulation Analyzer

- Testing principle: mechanical
- Testing items: clotting items such as PT, APTT, FIB, and TT; immunoturbidimetric items such as D-D and FDP
- Throughput: up to 200 tests/hour
- 11 reagent positions (2 with stirring function)
- 61 sample positions
- 12 incubation channels
- Testing channels: 4 mechanical + 3 optical channels (575 nm)
- Cuvettes loading: auto loading of 1000 cuvettes
- Automatic sample dilution, auto rerun.

C3510

Auto Coagulation Analyzer

- Testing principle: mechanical
- Testing items: clotting items such as PT, APTT, FIB, and TT; immunoturbidimetric items such as D-D and FDP; chromogenic substrate items such as AT III
- Throughput: 300 tests/hour
- 28 reagent positions
- 80 sample positions
- 16 incubation channels
- Testing channels: 4 mechanical + 6 optical (5 at 575 nm, 1 at 405 nm)
- Cuvettes loading: auto loading of 1000 cuvettes
- Automatic sample dilution, auto rerun

EH-2080/UA-5800

Fully Auto Urine Sediment/Chemistry Analysis System

The EH-2080 series brings you a clearer world in sediment urinalysis and together with highly-efficient UA-5800 chemistry analyzer, they could fulfill the needs of most mid-volume laboratories.



EH-2080B/C

Fully Automated Urine Sediment Analysis System

- Classical morphology detection, providing microscopic images across the whole view field Machine Vision (MV) applied with DIF and CPTR technology
- Reportable parameters including different types of formed elements in urinary samples
- Both native urine and sediment samples can be tested
- Throughput up to 80T/H (EH-2080B) or 100T/H (EH-2080C)
- Walk-away automation, constant random access for 100 samples with barcode scan Efficient self-maintenance system including automatic counting chamber cleaning and probe washing

UA-5800

- High throughput of 240T/H and 10*10 sample loading capacity
- Advanced principle of reflectance colorimetric method
- Compatible multiple urine strips (11/14 items), more comprehensive RUO parameters (A/C) for fast and simple diagnosis index for proteinuria in clinic
- High detection efficiency, improved reliability

Hemoglobin System



H50P Auto HPLC Analyzer

Gold standard for HbA1c analysis

8.4" touch screen
High resolution
User-friendly software



HPLC column
Easy to replace
Long life span



Reagents
3 built-in reagents
RF* detection
Reagents saving
Continuous reagent loading



Flexible modes
Standard mode and Extended mode
Easy maintenance



Closed tube
STAT sample
Cap-piercing



Autoloader
Loading capacity: up to 40 tubes
Intelligent RF identification





Small-volume Laboratory Solutions



Small-volume laboratories are looking to

- maximize space and equipment utilization
- improve cost-effectiveness
- achieve more with less



Mindray provides robust, cost efficient and easy-to-use laboratory solutions that cater to small-volume laboratories across the world.



[Learn more](#)

Minimum Size, Maximum Capacity



BC-30s/20s/10 Auto Hematology Analyzer

At Mindray we pride ourselves in our dedication and experience in developing better solutions for small labs. Our new line of 3-part hematology analyzers is the culmination of that effort. Compact yet powerful, full featured yet affordable, the BC-30s/20s/10 is what a 3-part analyzer should be.



Smallest footprint



Convenient, fast



More confidence in results

More confidence in results

Advanced detailed flag information provides warning in case of abnormal cell results. High quality original reagent calibrators and quality controls help you maintain a high level of work efficiency. We integrate technologies into our products to fulfill your clinical needs.

Saving more time

Smart and intuitive software brings your productivity up to a new level. The TFT touch screen makes operations easy and flexible, maximizing your efficiency. The large storage capacity gives you an optimized solution to manage previous patients' data. The smart software can detect and remove operational errors, as well as run automatic maintenance with a single click.

Less downtime

Quality and user experience are top priorities for Mindray. We design and manage our manufacturing processes in compliance with FDA, ISO and CE. Complete quality control systems in Mindray's manufacturing centers ensure we exceed the most stringent criteria and traceability throughout the entire process. Our professional and responsive support team makes sure your systems are kept at full capability.

BC-5150/5000

Auto Hematology Analyzer

A Compact yet Powerful 5-part

Proven Technology

Tri-angle laser scattering + focused flow + chemical dyeing, creating the possibility for better 5-part WBC differentiation even on samples with high Eosinophil.

Minimum Size for Maximum Efficiency

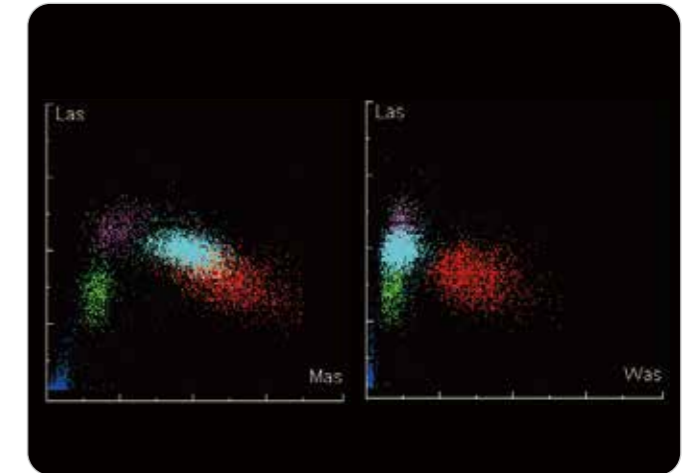
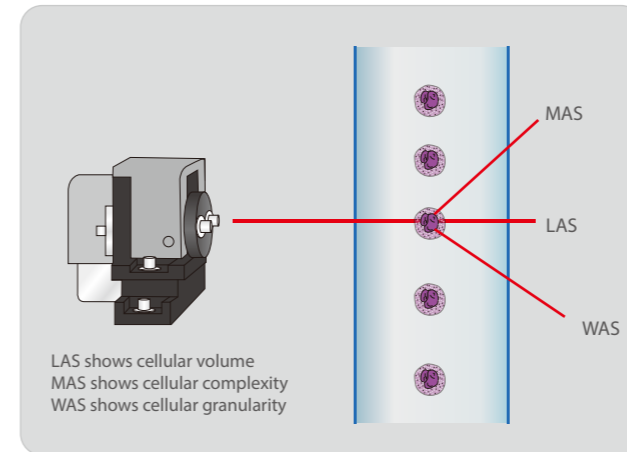
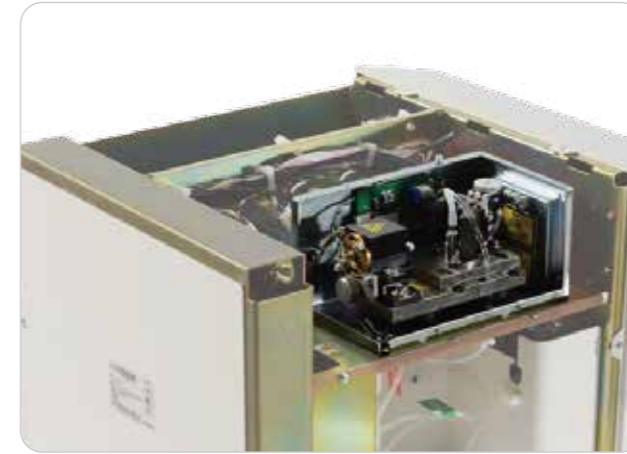
BC-5150/5000 is a dedicated 5-part hematology analyzer that is easy to work with and requires fewer reagents, all in a smaller more affordable package that will fit any clinician budget and lab space.



BC-5150

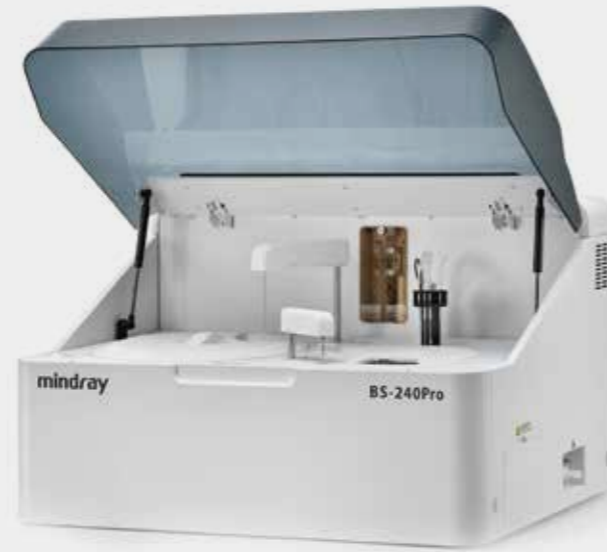


BC-5000



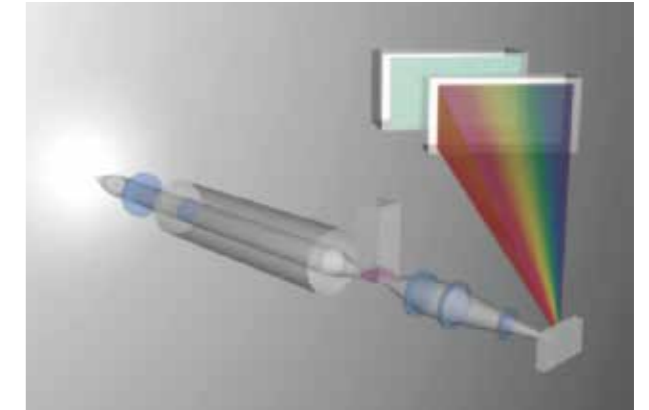
BS-240pro/360E Auto Chemistry Analyzer

BS-240Pro/BS-360E are benchtop chemistry analyzers, with a small footprint, robust functionality, user-friendly designs and long uptimes.



Enchanted Washing station

- 4-step-8-stage*
- Water consumption $\leq 6.5\text{L/H}$
- Carryover $< 1\text{ppm}$



Grating photometer

- Grating system with 12 wavelengths
- 80 reusable cuvettes
- Lower to 100ul minimum reaction volume



Large loading capacity

- 50 (up to 100) sample positions
- 50 (up to 100) reagent positions
- Easy reagent loading by button control



Intelligent probe

- Liquid level detection
- Collision detection
- Inventory monitoring
- Reagent pre-warming
- Clog detection

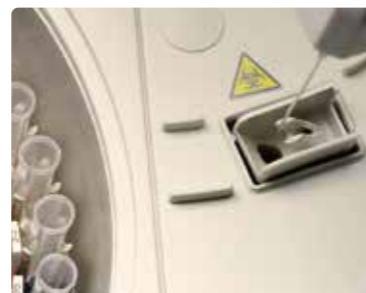
BS-230

Auto Chemistry Analyzer

BS-230 is an entry level automated chemistry analyzer with a smart and compact design, providing a throughput of up to 400 tests per hour with ISEs. By using disposable cuvettes, BS-230 consumes much less reagent than its semi-auto counterparts, making it an efficient, economic and accurate solution for primary and low-volume laboratories.



Disposable cuvettes to avoid contamination



Waterfall probe clean
Carryover < 0.05%



Less reaction volume
Minimum reaction volume at 100 uL



Flexible loading
Up to 80 sample positions, up to 80 reagent positions. (40 fixed + 40 interchangeable)

BS-240

Auto Chemistry Analyzer

BS-240 is a "CUTE", multi-functional benchtop chemistry analyzer with reusable reaction cuvettes, and offers a throughput of up to 200 tests per hour. Though with a compact size, it has achieved a host of advanced functions never before found on alike products in the market, making it an optimal chemistry solution for small-volume laboratories and a back-up tool for mid-to-high-volume ones.



Efficient
Minimum reaction volume at 100 uL for reagent savings.



Flexible loading
Up to 80 sample positions, up to 80 reagent positions. (40 fixed + 40 interchangeable)



Auto hemolysis for HbA1c testing
Smart sampling technology enables automated hemolysate preparation for HbA1c testing. Pretreatment-free operation guarantees high productivity.



Utility
Step-by-step maintenance guide for easy operation; upgraded auto-washing system ensures low carryover and low water consumption.



Compact yet Efficient



CL-900i Chemiluminescence Immunoassay System

CL-900i is a compact fully automated CLIA analyzer 86 cm in length, 74 cm in width, and 56 cm in height, specially designed for small volume laboratories. With its ergonomic design, the analyzer has an easily accessible operating area located outside the cover. It is also free of maintenance, offering our customers an optimal user experience and much improved cost performance.



Precise magnetic separation with consistent performance reliability



Quick start with a single touch of a button
Great ease of use



Solid-liquid waste separation
Environmentally friendly

The right size for your lab



Wiper washing technology
Enhanced efficiency and minimized carryover



Intuitive software interface
Easy access to all functions



Continuous loading of reagents and consumables



Maintenance-free
Lightened workload



Intelligent consumables management



More Laboratory Solutions



Mindray provides more laboratory diagnostic solutions including microbiology and flow cytometry to cover the diversified needs of healthcare facilities globally.

Solution to Fight Sepsis



TDR-X030/X060/X120/X240 Auto Blood Culture System

Powered by advanced irreversible colorimetry technology, TDR Automated Blood Culture System is designed for all laboratories to achieve rapid and automated detection of bacteria growth in sterile body fluids through a simple and straightforward workflow.



Solution to Fight AMR Bacteria



AF-300/600

Auto Identification and Susceptibility Testing System

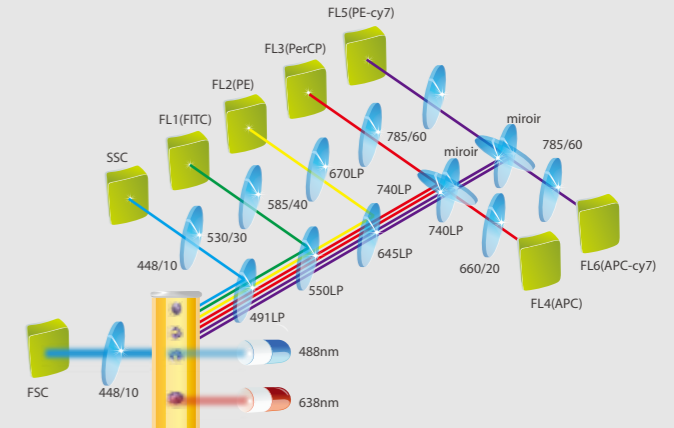
Mindray's AF-300/600 system is designed to help prevent AMR bacteria from spreading within medical institutions and communities as fast as possible. It adopts direct minimum inhibited concentrations (MICs) for detecting emerging drug-resistant pathogens with a smart streamlined workflow, providing accurate results quickly and efficiently.



New Star in Flow Cytometry



BriCyte E6 Flow Cytometer



Throughput
90
per hour
Up to 90 samples

Bright

BriCyte E6 is equipped with dual-laser based optics. A red diode laser and a blue diode laser are used for 4 to 6 colors of fluorescence lights. The optics are designed with state-of-the-art technology to ensure higher sensitivity for better identification of cellular populations.

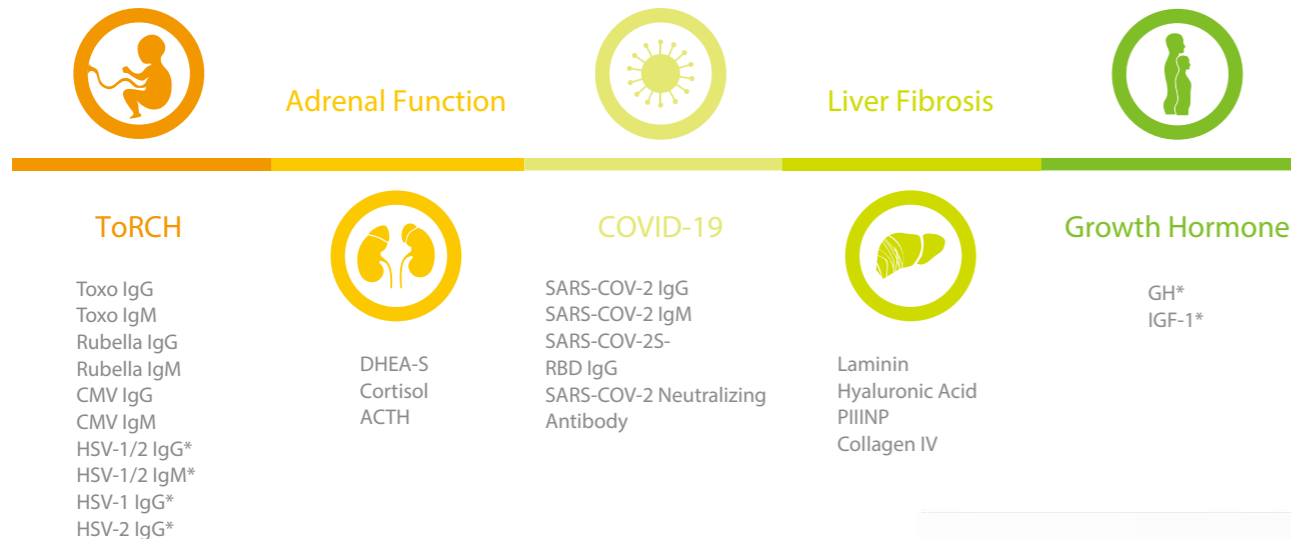
Easy

BriCyte E6 has open vial mode which suits the labs which have less number of samples, the micro sample tubes are supported as well. The carousel mode is yet another option which can handle 40 sample tubes at one time.



Mindray Chemiluminescence Immunoassay Reagents

Mindray's CLIA test panel so far has 79 high-performance reagents which are developed to work with Mindray's CL series chemiluminescence immunoassay analyzers. By combining the strength of HyTest, a global leading provider of antibodies and antigens acquired by Mindray, our test menu will include more than 100 assays in the near future. Mindray uses liquid, ready-to-use reagents which come in two packages, 50 tests and 100 tests, to suit customers with different requirements.



*: Under development
 **: Non-CE

Mindray Biochemistry Reagents

Mindray provides high-performance reagents, original quality controls and calibrators along with the BS series analyzers. Our reagents have wide linearity and strong anti-interference capability, covering a comprehensive test menu. The stable liquid reagents are ready to use, cost-effective, and available in different package sizes. A combination of these benefits contributes to Mindray's reliable comprehensive biochemistry solution.



Diabetes

Hemoglobin A1c (HbA1c)
Glucose (Glu-HK)
Glucose (Glu-GOD)
Total Cholesterol (TC)
Creatinine enzymatic (Crea-S)
Cystatin C (CysC)
High density lipoprotein cholesterol (HDL-C)
Low density lipoprotein cholesterol (LDL-C)
Fructosamine (FUN)
Microalbumin (mALB)
Total protein (TP)
Triglycerides (TG)
Urinary Protein (TPUC)



Cardiac

Total Cholesterol (TC)
Creatine kinase-MB (CKMB)
Creatine kinase (CK)
C-reactive protein (CRP)
High density lipoprotein cholesterol (HDL-C)
Low density lipoprotein cholesterol (LDL-C)
Lipoprotein (a) [Lp(A)]
Homocysteine (HCY)
myoglobin (MYO)
Triglycerides (TG)
High sensitivity CRP (HS-CRP)
α-Hydroxybutyrate Dehydrogenase (α-HBDH)
D-Dimer
Lactate Dehydrogenase (LDH)
Angiotensin Converting Enzyme (ACE)



Autoimmune and inflammation

Complement Component 3 (C3)
Complement Component 4 (C4)
C-reactive protein (CRP)
High sensitivity CRP (HS-CRP)
Immunoglobulin A (IgA)
Immunoglobulin E (IgE)
Immunoglobulin G (IgG)
Immunoglobulin M (IgM)
Rheumatoid Factor (RF)
Anti-streptolysin O (ASO)



Pancreatic Function

Amylase (AMY)
Glucose (Glu-HK)
Glucose (Glu-GOD)
Lactate Dehydrogenase (LDH)
Lipase (Lip)



Hepatic Function

Albumin (ALB)
Alkaline Phosphatase (ALP)
Alanine Aminotransferase (ALT/GPT)
Aspartate Aminotransferase (AST/GOT)
Cholinesterase (CHE)
Complement Component 3 (C3)
Complement Component 4 (C4)
Bilirubin Direct (Bil-D DSA method)
Bilirubin Direct (Bil-D VOX method)
Bilirubin Total (Bil-T-DSA method)
Bilirubin Total (Bil-T-VOX method)
Gamma-Glutamyltransferase (GGT)
Immunoglobulin A (IgA)
Immunoglobulin G (IgG)
Immunoglobulin M (IgM)
Unsaturated Iron Binding Capacity (UIBC)
Lactate Dehydrogenase (LDH)
transferrin (TRF)
total bile Acids (TBA)
prealbumin (PA)
α-L-Fucosidase (AFU)
Total protein (TP)
Adenosine Deaminase (ADA)



Metabolic Profile

Calcium (Ca)
Carbon dioxide (CO2)
Chloride (Cl)
Creatinine enzymatic (Crea-S)
Sodium (Na)
Potassium (K)
Urea
Glucose (Glu-HK)
Glucose (Glu-GOD)
Albumin (ALB)
Alanine Aminotransferase (ALT/GPT)
Aspartate Aminotransferase (AST/GOT)
Total protein (TP)
Bilirubin Direct (Bil-D DSA method)
Bilirubin Direct (Bil-D VOX method)
Bilirubin Total (Bil-T-DSA method)
Bilirubin Total (Bil-T-VOX method)



Renal Function

Albumin (ALB)
Beta-2 Macroglobulin (β2-mg)
Calcium (Ca)
Chloride (Cl)
Creatinine enzymatic (Crea-S)
Cystatin C (CysC)
Hemoglobin A1c (HbA1c)
Glucose (Glu-HK)
Glucose (Glu-GOD)
Immunoglobulin E (IgE)
Lactate Dehydrogenase (LDH)
Magnesium (Mg)
Microalbumin (mALB)
Potassium (K)
Phosphorus (P)
Urinary Protein (TPUC)
Urea
Uric Acid (UA)



Lipids

Total Cholesterol (TC)
Triglycerides (TG)
HDL-Cholesterol (HDL-C)
LDL-Cholesterol (LDL-C)
Apolipoprotein A1 (Apo-A1)
Apolipoprotein B (Apo-B)
Lipoprotein(a) [Lp(a)]



Nutritional Status

Albumin (ALB)
Ferritin (FER)
Iron (FE)
Unsaturated Iron Binding Capacity (UIBC)
Lipase (Lip)
Magnesium (Mg)
Potassium (K)
Transferrin (TRF)



Electrolytes

Calcium (Ca)
Chloride (Cl)
Potassium (K)
Sodium (Na)
Magnesium (Mg)
Carbon dioxide (CO2)



Anemia

Glucose-6-Phosphate Dehydrogenase (G6PD)
Lactate Dehydrogenase (LDH)
Ferritin (FER)
Transferrin (TRF)
Unsaturated Iron Binding Capacity (UIBC)
Iron (Fe)