

01

# Machines







**GS300** Auto Chemistry Analyzer

**GS300** is a multi-functional benchtop clinical chemistry analyzer with a throughput up to 240 T/H. It features 24-hour non-stop cooling, stable heating for reaction, bilateral LIS etc., It is a compact chemistry solution for small laboratories and a back-up tool for mid-to-high end laboratories.



**GS200** Auto Chemistry Analyzer

**GS200** is one bench-top auto chemistry analyzer with compact design. The excellent performance and robust functionality will allow you to enjoy an easy and worry-less test.



**WP21E** Semi Auto Analyzer

**WP21E** is a semi-automatic chemistry analyzer with easy-to-use operation software, which is suitable for small labs, clinics.

## Chemistry Reagents

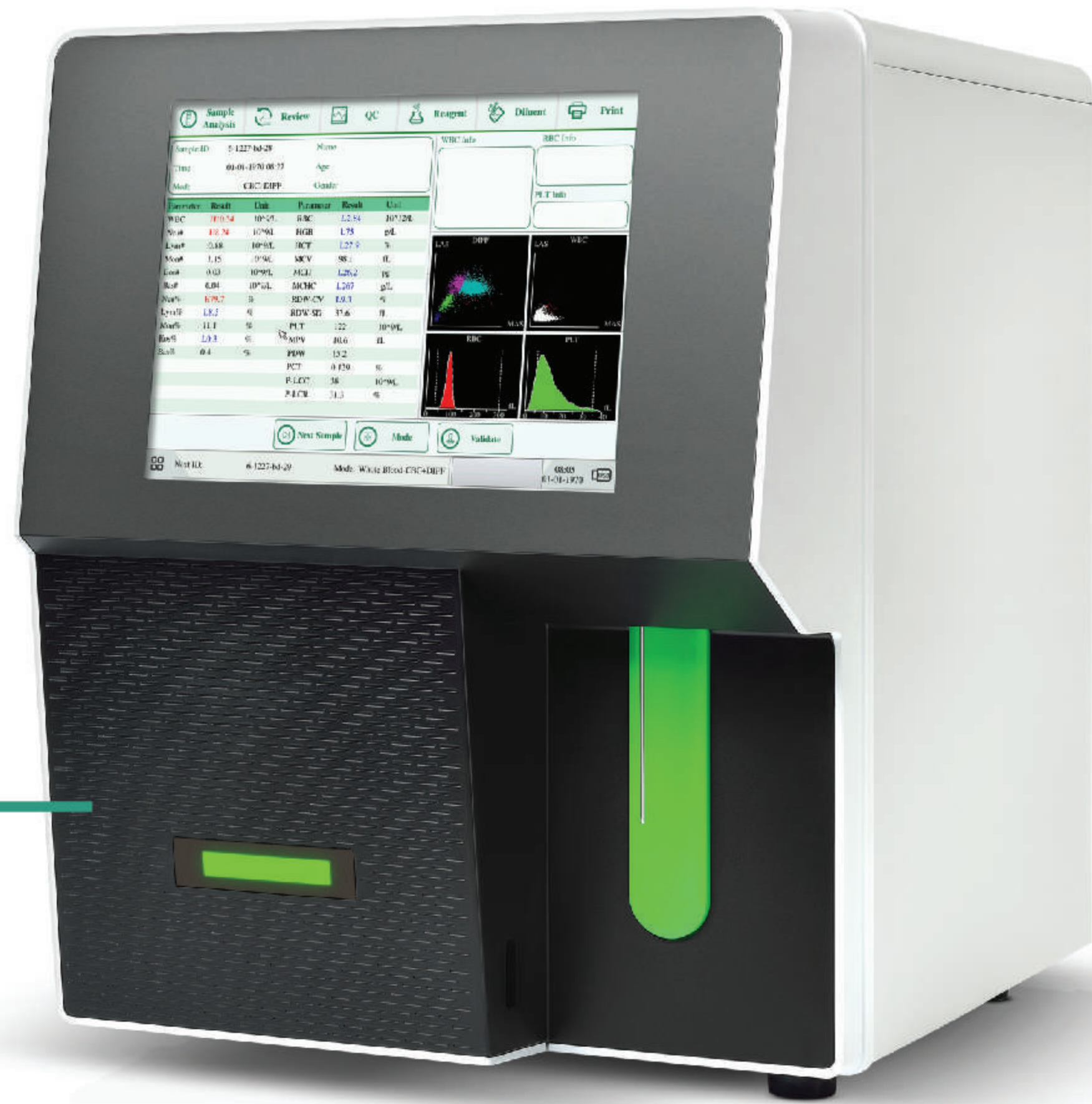
- ✘ Cholesterol 1 x 200mL
- ✘ HDL-Cholesterol Percipitating 1 x 200mL
- ✘ Triglyceride 1x 200mL
- ✘ Glucose 1 x 200mL
- ✘ Uric Acid 1 x 200mL
- ✘ Control (Normal, Pathologic)
- ✘ Urea Berthelot 2 x 100mL
- ✘ Creatinine Kinetic 2 x100mL
- ✘ SGPT Kinetic 1 x 50mL
- ✘ SGOT Kinetic 50mL
- ✘ Total Protein 1 x 200mL



## Hematology Analyzer

# KT-6610

5 Diff Hematology



### ✕ 5 Parts Diff

- KT05DIL Diluent 20L
- KT05DIFF Lyse 500ml
- KT05LH Lyse 100ml

Brand: Genrui

**KT-6610** is an innovative, economic, compact hematology analyzer using advanced tri-angle laser scattering, flow cytometry technology to deliver cost-efficient 5-part white blood cell differential results.

It is a perfect solution for small labs and clinics, which have limited space and budget, but request accurate hematologic results.

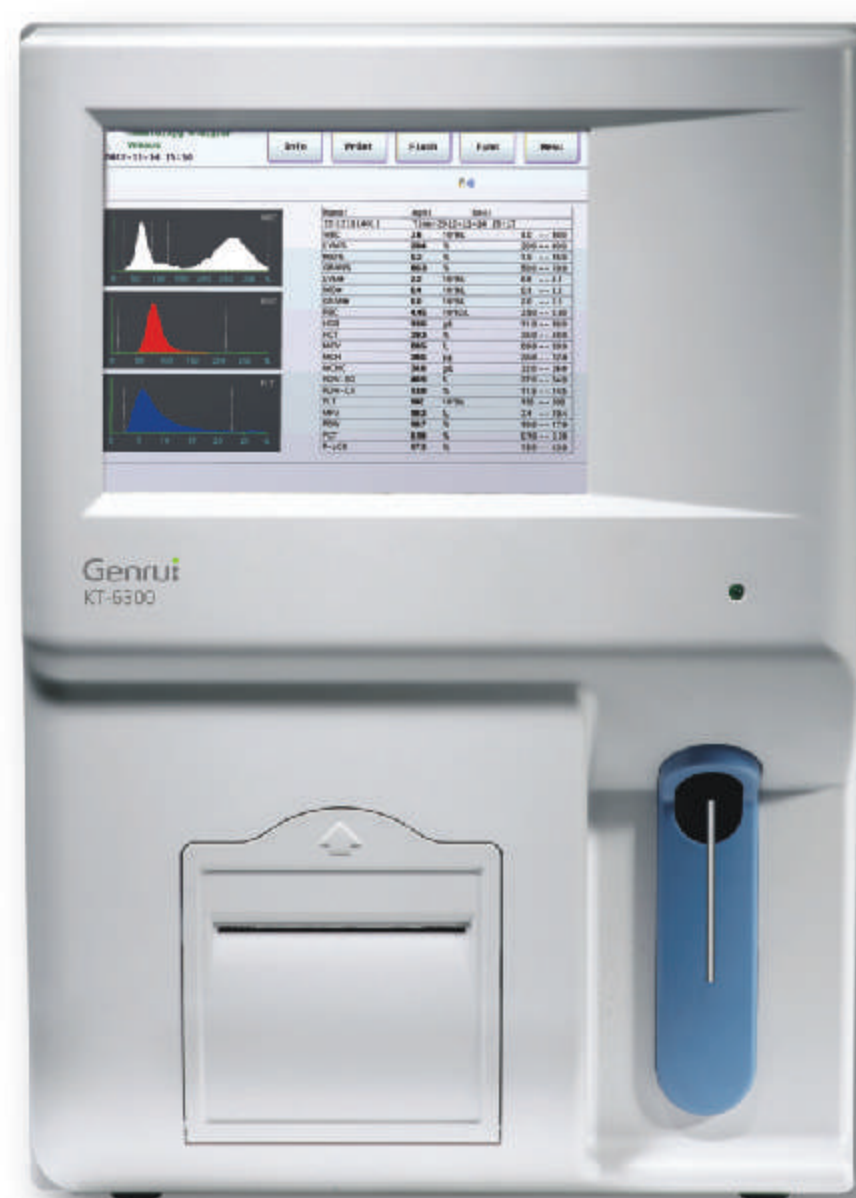
### Specifications:

- **Principle:** Tri-angle laser scattering, flow cytometry for WBC differentiation and counting Impedance for RBC and PLT counting Cyanide-free method for HGB
- **Parameters:** 25+4 parameters: WBC, Lym%, Mon%, Neu%, Bas%, Eos%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDW-SD, PLT, MPV, PDW, PCT, P-LCR, P-LCC.  
Research parameters: LIC%, LIC#, ALY%, ALY#, 2 histograms for RBC and PLT, 4 scattergrams for WBC differential
- **Throughput:** 60 samples per hour
- **Calibration:** Manual and Auto-Calibration
- **Quality control:** 3 level QC, LJ graph, XB
- **Sample volume:** CBC + Diff mode: 20uL, Prediluted mode: 20uL
- **Reagents:** 3 reagents (2 lysers + 1 diluent), 1 probe cleanser for maintenance
- **Printout:** Built-in thermal printer, support external printer
- **Sampling mode:** Open mode, built-in barcode scanner
- **Maintenance:** Auto-cleaning of sample probe and tubes
- **Temperature:** 10°C - 30°C
- **Interface:** 4 USB ports, 1 LAN port, HL7 protocol, support LIS
- **Blockage clear:** High voltage, high pressure flush
- **Power:** AC 100-240V, 50/60±1Hz
- **Dimension:** L430mmxW350mmxH435mm
- **Display:** 10.4-inch color touch screen, Liquid Crystal Display (LCD), 800x600 resolution
- **Storage:** 60,000 sample results with scattergrams and histograms



# Hematology Analyzer

## KT-6300 3 Diff Hematology



### ✦ 3 Parts Diff

- Diluent 20 liters
- Hemolysin 500ml
- Probe Cleaner 50ml

Brand: Genrui

### ✦ Calibrator for Hematology Analyzer

- Hema Control (Low, Normal, High)
- Brand: Bio-Rad (USA)

KT 6300 is a compact 3-diff hematology analyzer with 60 samples per hour, we deeply understand the thoughts of small or medium lab including limited budget, small space of lab, shortage of technician, etc. That is why we are dedicated to keep working on it to help our customers to solve their problems by providing reliable and high performance product with affordable price.

## Specifications:

- Sample Mode: Venous, capillary and prediluted blood
- Calibration Mode: Auto mode and manual mode
- Input/Output: Keyboard, mouse, RS232 serial port
- Display: Large colour LCD with touch screen
- Memory: 100,000 sample results
- Test Channel: Two channels
- Voltage: 100~240 AC, 50/60 Hz
- Test principle: Impedance for cell counting and cyanide-free method for HGB
- Parameter: 3 part differentiation of WBC, 20 parameters + 3 histograms
- Test Flow: 1 click to finish test automatically, 10ul blood is needed
- Reference Range Type: Newborn, children, male, female and universal
- Clog Clear: High voltage and high pressure flush
- Language: English, Spanish, Portuguese, etc
- Reagent: 2 reagents (Lyse and Diluent)
- Net Weight: 21Kg
- QC mode: 3 level QC, L-J graph
- Throughput: 60 samples/hour
- Dimesion: 410mm x 435mm x 472mm

| Item   | Abbreviation  | Unit                |
|--|---------------|---------------------|
| White Blood cell or leukocyte  | WBC           | 10 <sup>3</sup> /uL |
| Lymphocyte   | LYM#          | 10 <sup>3</sup> /uL |
| Mid-sized cell   | MID#          | 10 <sup>3</sup> /uL |
| Neutrophil   | NEUT#         | 10 <sup>3</sup> /uL |
| Lymphocyte percentage  | LYM%          | %                   |
| Mid-sized cell percentage  | MID%          | %                   |
| Neutrophil percentage  | NEUT%         | %                   |
| Red blood cell or erythrocyte  | RBC           | 10 <sup>6</sup> /uL |
| Hemoglobin concentration   | HGB           | g/dL                |
| Hematocrit   | HCT           | %                   |
| Mean Corpuscular (erythrocyte) Volume                                    | MCV           | fL                  |
| Mean Cell Hemoglobin   | MCH           | pg                  |
| Mean Cell Hemoglobin Concentration                                       | MCHC          | g/dL                |
| Red Blood Cell Distribution Width-Standard Deviation                     | RDW-SD        | fL                  |
| Red Blood Cell (erythrocyte) Distribution Width-Coefficient of Variation | RDW-CV        | %                   |
| Platelet   | PLT           | 10 <sup>3</sup> /uL |
| Mean Platelet Volume   | MPV           | fL                  |
| Platelet Distribution Width  | PDW           | %                   |
| Plateletcrit   | PCT           | %                   |
| Plateletcrit-Large Cell Ratio  | P-LCR         | %                   |
| White Blood Cell Histogram   | WBC Histogram |                     |
| Red Blood Cell Histogram   | RBC Histogram |                     |
| Platelet Histogram   | PLT Histogram |                     |





# AFT-800

Electrolyte Analyzer



AFT-800 electrolyte analyzer is designed for accurate and rapid tests on ion concentration of  $\text{Li}^+$ ,  $\text{K}^+$ ,  $\text{Na}^+$ ,  $\text{Cl}^-$ ,  $\text{Ca}^{2+}$ , pH value and total carbon dioxide content in serum samples. Controlled by a microprocessor and equipped with the hierarchical menu software structure, it uses the ion selective electrode technique (ISE) and the pressure sensor to realize every test.

| Test Range and Accuracy |                   |             | Reagent Kit                           |  |
|-------------------------|-------------------|-------------|---------------------------------------|--|
| Item                    | Range             | SD (mmol/L) | Ambient Temperature:<br>10°C-40°C     | Relative Humidity: ≤80%  |
| K <sup>+</sup>          | 0.5~15.0 mmol/L   | ≤1.0%       | Atmospheric Pressure:<br>86kPa-106kPa | Power Supply:<br>100V-240V-50Hz/60Hz   |
| Na <sup>+</sup>         | 20.0~200.0 mmol/L | ≤1.0%       | Power: 300VA                          | Properly grounded, away from<br>electromagnetic interference, avoid<br>direct sunlight |
| Cl <sup>-</sup>         | 20.0~200.0 mmol/L | ≤1.0%       | Dimension: 340x283x455mm              | Net Weight: about 12kg   |
| Ca <sup>2+</sup>        | 0.1~5.0 mmol/L    | ≤1.5%       |                                       |  |
| pH                      | 6.0~9.0           | ≤1.0%       |                                       |  |
| Li <sup>+</sup>         | 0.0~3.0 mmol/L    | ≤1.5%       |                                       |  |
| TCO <sub>2</sub>        | 6.0~50.0 mmol/L   | ≤3.0%       |                                       |  |

| Working Environment |           |  |        |
|---------------------|-----------|--|--------|
| Item                | Model     | Packing Specification  | Type   |
| ISE Reagent Pack    | AFT-A8 11 | One pack including Cal A 1000ml, Cal B 250ml & TCO <sub>2</sub> calibration 50ml | Liquid |
| ISE Reagent Pack    | AFT-A8 11 | One pack including Cal A 1000ml and Cal B 250ml                                  | Liquid |
| ISE Reagent Pack    | AFT- A7 1 | One bottle of 100ml  | Liquid |

**Electrodes Group**

**Reagent Pack**

**Barcode Scanner**

**Model Configuration**

AFT-800A: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, TCO<sub>2</sub>  
 AFT-800B: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>2+</sup>, pH, TCO<sub>2</sub>  
 AFT-800D: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>2+</sup>, Li<sup>+</sup>, pH, TCO<sub>2</sub>  
 AFT-800E: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>  
 AFT-800F: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Li<sup>+</sup>  
 AFT-800G: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>2+</sup>, pH  
 AFT-800H: K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Ca<sup>2+</sup>, Li<sup>+</sup>, pH



# Genrui



**CA-51** Coagulation Analyzer

**CA-51** is an easy-to-use semi-auto coagulation analyzer equipped with precise pipette. Small volume of sample and reagent is needed for tests to save cost, for sure it is designed to meet the requirement of small lab or clinics.

## Coagulation Reagents

- Activated Partial Thromboplastin Time (APTT)
- Prothrombin Time (PT Reagent)
- Coagulation Control



**PA-50** Specific Protein Analyzer

**PA50** is a semi-auto analyzer for quantitative determination of specific proteins in blood, urine samples, including HbA1c, HS-CRP, CRP, ASO, CYS-C, RF, mALB, D-Dimer, IgM, IgG, IgA, C3, C4, etc. It's an ideal instrument designed for medium or small labs or backup analyzer in large labs.

## Protein Analyzer Reagents

HBA1C Reagent (Glycosylated Hemoglobin)

# BIOBASE

## Biological Safety Cabinet A2 Class II



**Biological Safety Cabinet A2 Class II** is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide. It is also an open-front, ventilated cabinet.

- US Standard ANSI/NSF 49:2002
- European Standard EN13469:2000
- Chinese Standard YYO569-2005



## BIOBASE



### Biological Safety Cabinet A2 Class II (4ft)

**A2 Cabinet (4 feet)** is an open front, ventilated cabinet. The Class II biological safety cabinet will provide personnel, environment and product protection.

- US Standard ANSI/NSF 49:2002
- European Standard EN13469:2000
- Chinese Standard YYO569-2005

## BIOBASE



### Laboratory Refrigerator

**Laboratory Refrigerators** are used to cool samples or specimens for preservation. They include refrigeration units for storing blood plasma and other blood products, as well as vaccines and other medical or pharmaceutical supplies.

#### Capacity

- Single Door : 160L, 260L, 360L  
Double Door : 650L, 1000L



# BIOBASE



## Blood Bank Refrigerator

**Blood Bank Refrigerator** provides safe and convenient storage of whole blood, blood components (e.g., blood cells, plasma), and reagents. Blood bank refrigerators ensure freshness and blood components.



### Capacity

120L (66 Bags), 210L (132 Bags)



## CLINICAL CENTRIFUGE SMALL AND MEDIUM CENTRIFUGE

**Clinical Centrifuge** is a piece of laboratory equipment driven by a motor, which spins liquid samples at high speed. It is used to test liquid found inside the living being. It separates plasma from the blood.



DSC-200T  
Small Centrifuge



DSC-202SMD  
Small Centrifuge



DSC-202SD  
Small Centrifuge



DSC-302SD  
Medium Centrifuge



DSC-302SMD  
Medium Centrifuge





## HEMATOCRIT CENTRIFUGE

**Hematocrit Centrifuge** is used for spinning down small samples rapidly. It is also used for determination of volume fractions of erythrocytes in blood and also for separation of micro blood and solutions.



## LABORATORY OVEN

**Laboratory Oven** are suitable for various applications in the fields of agricultural, medical and industrial researches for heating, drying, sterilizing and baking in laboratories, hospitals and industries.



## LABORATORY INCUBATOR

DSI SERIES

**Laboratory Incubators** is a general purpose laboratory incubators which are ideal for cultures, eggs, microbiology, and other biology in hospitals and laboratories. It is a heated, insulated box used to grow and maintain microbiological or cell cultures. The incubator maintains optimal temperature, humidity and gaseous content of the atmosphere inside.





## WATER BATH

**Water Bath** is made from a container filled with heated water. It is used to incubate samples in water at a constant temperature over a long period of time.



## PIPETTE SHAKER

**Pipette Shaker** is an electric vibrator for blood diluting pipettes which provides an uniform mixing of the chemicals with blood to be tested due to its controlled agitation.

DIGITAL DRY BATH DSD-100D



## DRY BATH

**Dry Bath** is a type of laboratory equipment that is used to heat samples. Dry baths are often used in molecular biology, microbiology, biochemistry and genetic applications.

DSD-200

