Veterinary Semi-automatic Chemistry Analyzer
Model: BS-600V

Features:
1) 7" adjustable LCD screen
2) Windows operation system.
3) Test results simultaneously displayed
4) Open system for reagents
5) Low carry over with air purge
6) Flow cell and cuvette Supported
7) USB, SD Card and RS-232
8) 200 test programs and over 100,000 test results
9) Working effectively under high temperature (>40°C)
10) Real-time display absorbance curve
11) Prolonged light source and filter life by intelligent light source protection
12) Communicate with PC by RS232 or Ethernet and data transmissible
13) Automatically check if the flow cell or cuvette is in position
14) 8 kinds of animals available and 8 additional animals for user to customize

Applications:
Pet Hospital and Veterinary Laboratories.
For Chemical Tests of Dog, Cat, Rabbit, Horse, Cattle, Sheep, Pig, Cow and other user defined animals.

Optional:
Touch screen, One more filter, Barcode reader, Software workstation, External printer, Flash disk, SD card, Keyboard, Ethernet port.
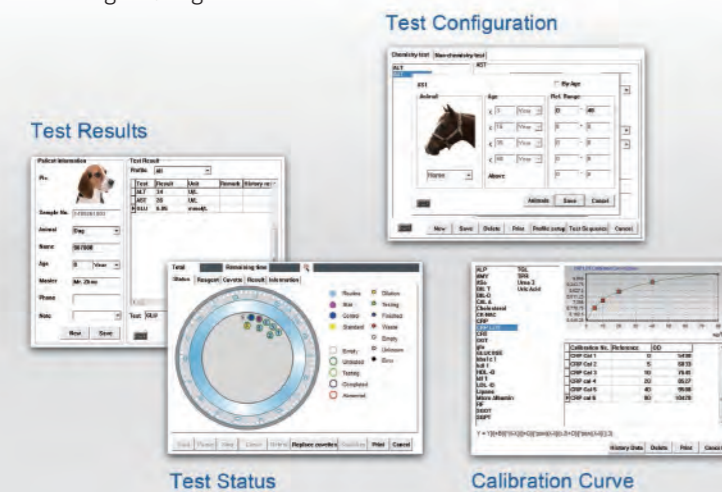
Veterinary Fully-automatic Chemistry Analyzer
Model: Chemo 120V

Features:
1) Fully automatic biochemical analyzer with specialized veterinary software
2) 8 pre-determined animals settings and unlimited number of user-defined animal settings
3) Throughput up to 100 tests per hour
4) Labor saving, simple programming and real walk-away operation
5) Reagent open system, closed system on request
6) Micro-volume for sample and reagent
7) Sample position and reagent position switchable
8) Multi-language software supported

Specifications:
Animals types: Dog, Cat, Cow, Fish, Horse, Mouse, Pig, Rabbit, etc.
Contents of testing: Clinic chemistry, Immunoturbidimetric
Analytical modes: End-point, Two Point, Kinetic
Programming: Open system with user defined programs
Automatic, Random Access
STAT sample priority
9 postions for sample
Sample Volume: 3~45uL, 0.1uL adjustable
26 postions for reagents
Refrigerated temperature: 4-15°C
Reagent volume: R1: 180-450uL, 0.1uL adjustable
                R2: 3-250uL, 0.1uL adjustable
Reaction Postion: 90 cuvettes, 10 cuvettes/strip
Cuvette: optical length 5mm
Reaction volume: 180-500uL
Reaction temperature: 37°C
Lamp: Halogen lamp
Absorbance range: 0-3.500Abs
Wavelengths: 8 wavelengths from 340-700nm
Resolution: 0.0001Abs
Power supply: AC 110V/220V, 50Hz/60Hz
Water consumption: <3L/hour
Dimension L*W*H(mm): 630*480*510
Net weight: 70kg

Portable Veterinary Chemistry Analyzer
Model: Pointcare V2

Features:
By smallest and powerful design, Pointcare V2 delivers reliable diagnostic information, the intelligent innovation refining an efficient and accurate medical experience to veterinary professionals.

Easy To Use
Fully automated system- no special operating skills required
3.5-inch color LCD touch screen
Smallest design only 2.2kg
0.1ml whole blood, serum or plasma
Barcoded prefabricated calibration information
LIS compatible, no need to manually enter patient information
Results can be printed via printer or transferred electronically to workstation.
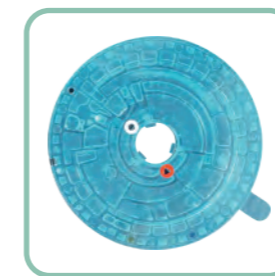
Quick Results
From testing sample to generating results in 3 simple steps for only about 10 minutes
Three simple steps:
1) Add sample: 0.1ml whole blood, serum or plasma
2) Insert disc: No manual data entry with self-calibration information included in the QR code
3) Read results: Optional external thermal printer, medical data management platform, compatible with HIS.

Precise Measurements
Microfluidic discs with pre-installed reagent beads ensure accurate analysis of blood samples and reagents
Stable measurement optics include a troboscopic xenon lamp, a wavelength selection system and a multiple-wavelength detector
Integrated quality control software monitors the entire process in real time (ensuring consistent analysis of blood samples, reagents, microfluidic discs and chemistry analyzer)

Add sample   Insert disc   Read results

Sample Type	Whole blood(lithium -heparinized), Plasma(lithium -heparinized), Serum
Sample Size	100μl
Time to Results	About 10 minutes
Parameters	Up to 16 parameters in one test, 28 parameters configured into 8 profiles
User Interface	English operation interface; Touch screen, 3.5 inch Color LCD
Quality Control	Built-in Realtime Quality Control(RQC) system
Connection Interfaces	Bluetooth, WLAN, USB port, Ethernet interface
Print Mode	Optional external thermal printer, Veterinary Data Management Platform
Reaction Temperature	37℃±0.1℃
Data Capacity	More than 5 0,000 sets of patient and quality control data
Operation Environment	Temperature 10 -30℃, Humidity 40 -85%
Power Requirement	AC 100V-240V, 50-60HZ
Dimensions	21.0(L)*12.5(W)*17.5(H)cm
Weight	2.2kg

Veterinary Automatic Hematology Analyzer

Model: Hemo 3600V

Features:
1) 10.4-inch true color TFT LCD & touch screen, more visible
2) Pre-defined for 13 animals plus an addition 3 user-defined animals, satisfy the requirements of most veterinary clinics
3) Automatically start a blank counting and auto-assessment of the results during start-up process
4) Automatically re-count after unclogging treatment while a counting hole is clogged, avoid re-collecting blood
5) Wider linearity range & excellent repeatability
6) Maintenance-free syringe
7) Built-in thermal printer to print large size report for only 5 seconds
8) Sweeping flow technology, Pulse discrimination technology, Intelligent floating threshold technology
9) Wide applications for Pet hospitals, Zoos, Livestock system, Laboratory Animal Center, etc.

Touch screen

Specifications:
Measuring Principles: Impedance method for cells counting, Cyanide free colorimetric method for HGB measurement
Measuring Channels: Double channel for counting
Throughput: From beginning of a test to completion of the printout: ≤60 Seconds
Counting Modes: Whole Blood, Pre-diluted Blood
Sample Volume: Whole Blood: ≤14µL, Pre-diluted Blood: ≤20µL
Species of Animals: 13 pre-defined animal settings (dog, cat, horse, mouse, rat, rabbit, pig, cow, buffalo, monkey, camel, sheep and goat) plus 3 programmable on request
Parameters & Histograms: Three-part differentiation of WBC covering dog, cat, mouse, rat, rabbit, monkey and horse, 21 parameters +3 histograms
WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC, WBC Histogram, RBC Histogram, PLT Histogram
Alarm System: Multiple alarms of running status including blank counting abnormal, reagents empty, waste full, counting hole clogged, counting area leak or bubble, recorder abnormal, external printer abnormal and circuit abnormal, etc
Printout: English/Chinese print report, optional report formats
Storage: Store more than 10,000 sample results
Data Ports: One network port, one RS-232 port, four USB ports
Power: 220V, 50Hz Input power: ≤150VA
Dimensions: 368mm x 448mm x 475mm
Weight: ≤23Kg

Cassette Type Veterinary Automatic Hematology Analyzer

Model: Hemore

Hemore veterinary automatic hematology analyzer by the world leading Coulter principle, makes it possible to get laboratory level white blood cell counts and three-part differentials at the point of care testing (POCT).

Features:
1) Innovative design
Microfluidics cassette
No fluid maintenance

2) Accurate diagnosis
Gold standard Coulter principle
Standard QC and calibration

3) Easy and quick
One second startup
30 seconds to result
No need for laboratorians

Specifications:
Screen: 7" Color touch screen
Principle: Coulter DC impedance detection method
Parameters: WBC, LYM#, LYM%, MID#, MID%, GRAN#, GRAN%, WBC histogram
Calibration: Factory calibration, Calibrator control
Sample: Capillary or Venous(EDTA) whole blood
Sample Volume: 5µL
Measurement Range: 0~100*109/L
Measurement Time: 30 seconds
Size: 95*156*126 inches (242*397*321mm)
Weight: 9kg
Power supply: AC 100V~240V, 50/60Hz
Data management: patient ID, patient data, time, operator ID, QC information, connectable with LIS system

Simple 4-step operation:
1) Blood sampling
2) Put into reagent cassette
3) Add blood sample
4) Counting and report

Veterinary Coagulation Analyzer
Model: CL-201, CL-202

Features:
1) Easy keypad operation with LCD display
2) Internal thermal-sensitive printer
3) Reagent position with magnetic rotor.
4) Scattered light and percentage analysis ensure good results
5) Open reagent with low consumption, close reagent on request
6) Large memory to store up to 6000 test results
7) QC and calibration program incorporated
8) Auto power-on self-check
9) Multi-language software available on request
10) Electronically-linked pipette optional

CL-201

CL-202

Specifications：
Priceple: Scattered light wit percentage analysis
Test Channel: 1 channel (CL-201), 2 channel (CL-202)
Light Source: Durable LED detector
Test Time: Normally 20-60 secs, Maximum time up to 600 secs
Sample Position: 5 positions
Reagent Position: 2 positions (1 magnetic rotor included)
Minimum Reagent Consumption: 30ul for APTT, 50µl for TT/FIB/PT
Position Warming-up: 37 degree
Memory: 6000 test results
Interface: RS-232
Display: LCD display
Input: Easy operation keypad
Output: Internal printer
Power Supply: AC 110/220V, 50-60Hz
Net Weight: 5Kg
Dimensions: 270*270*120mm

Veterinary Electrolyte Analyzer
Model: ISE-80PV(I), ISE-80PV(II)

ISE-80PV is a completely automatic Electrolyte Analyzer that implements advanced ion-selective electrode measurement technology to directly measure the concentration of K, Na, Cl, Ca, pH in blood serum, blood plasma, whole blood, and cerebrospinal fluid and dilute urine for cat, dog and other animals. It's a kind of clinical inspection equipment which is quick, accurate, convenient and practical.

Features:
1) Small quantity of samples: The unique Back and Forth double positioning technologies are used to minimize the test sample quantity.
2) Basic Mode: The Analyzer has seven basic analysis modes: Cat, Dog, Rabbit, Monkey, Mouselet, Mouse, Guinea Pig.
3) Can add any other animals' mode according to user needs.
4) High precision, the analysis results of K, Na, Cl can be accurate to 0.01mmol/L.
5) The whole running process of the equipment is controlled by a computer. Also, automatic electric potential tracking and correcting software are adopted to ensure its stable performance.
6) The machine is free in switching between English and Chinese reports, meeting requirements of different customers.
7) The machine adopts innovative international patent technology such as wave theory flushing method and direct flushing pipe method to avoid block and crossed contamination.
8) The equipment can automatically intake specimen and locate target. It features fast analyzing. It only takes 25 seconds from absorbing the specimen to displaying results. Meanwhile, the built-in printer will print out the result.It's really quick and convenient.
9) After conducting analysis to specimens, the equipment will automatically flush, keeping the electrode standby in clean status.
10) The equipment is set with quality control correction procedure, and capable of correcting measured data automatically, as well as by the two parameters of pitch and average deviation.
11) The equipment is capable of storing 10000 results.
12) The equipment features power failure protection function. It can still store quality control and specimen data upon power failure. The storing time exceeds 5 years.
13) The equipment can work 24 hours a day. If there is no operation for a long time, the equipment will change into standby state, making it accessible at any time.
14) The equipment can be powered off at any time and greatly save reagent. It is suitable for Clinique.

Specifications:
ISE-80PV(I): K, Na, Cl
ISE-80PV(II): K, Na, Cl, iCa, nCa, TCa, pH
Samples: blood serum, blood plasma, whole blood, cerebrospinal fluid and dilute urine
Analysis method: ion selective electrode
Measuring speed: ≤40s
Sample volume: 60-150ul
Storage: 10000 test results
Printer: Internal thermal printer
Power: ≤120W
Power supply: 110~220V±10%, 50-60Hz

Range and accuracy of measurement:

Item	Range	Resolution	Accuracy (CV %)
K	0.5-15.0mmol/L	0.01mmol/L	≤1.5%
Na	30-200mmol/L	0.1mmol/L	≤1.5%
Cl	20-200mmol/L	0.1mmol/L	≤1.5%
Ca	0.1-6.0mmol/L	0.01mmol/L	≤2.0%
pH	4-9pH	0.01pH	≤2.0%

Veterinary Blood Gas Electrolyte Analyzer
Model: BG-800

Features:
1) Multi-combination parameters
2) Self-made maintenance free electrodes
3) Both for syringes & capillary
4) Long-lasting fluid system
5) All-in-one design calibrate cartridge
6) Cartridge expiration alarm & residue
7) Preheats reagents & sample
8) Auto QC cartridge with H/M/L level (optional)
9) Colorful touch screen with high resolution
10) Friendly operation interface
11) Infrared human-detector
12) Rich data management interface
13) Battery backup
14) Build-in thermal printer
15) Convenient bar-code system management
16) Economic cost per test

Specifications：
Sample Type:
　Whole blood, Serum, Plasma, Dialysate, CSF

Model & Test items:
　BG-800:　　pH, pCO_2, pO_2, K+, Na+, Cl-, Ca++, Hct
　BG-800A:　pH, pCO_2, pO_2, Hct
　BG-800B:　pH, pCO_2, pO_2, K+, Na+, Cl-, Hct
　BG-800E:　pH, pCO_2, pO_2, K+, Na+, Cl-, Ca++, Hct , Lac, Glu
　BG-800Q:　pH, pCO_2, pO_2, K+, Na+, Cl-, Ca++, Hct, Auto QC
　BG-800AQ: pH, pCO_2, pO_2, Hct, Auto QC
　BG-800BQ: pH, pCO_2, pO_2, K+, Na+, Cl-, Hct, Auto QC
　BG-800EQ: pH, pCO_2, pO_2, K+, Na+, Cl-, Ca++, Hct, Lac, Glu,
　　　　　　　Auto QC

Measuring Range:
　pH(CH): 6.000-9.000
　pCO_2: 0.667-26.67kpa, 5.0-200.0mmHg
　pO_2:　0-106.7kpa, 0-800.0mmHg
　K:　　0.50-10.00mmol/L
　Na+:　50.0-200.0mmol/L
　Cl-:　20.0-200.0mmol/L
　Ca++: 0.1-5.0mmol/L
　Hct:　12.0-65.0%
　B.P.:　500-800mmHg
　Glucose: 1.1-66.7mmol/L
　Lactate: 0.4-30.0mmol/L
Analysis Time: <90s
Sample Volume: 95ul for whole blood, 50ul for capillary blood
Calibration: Automatic, programmable, 1-point and 2-point calibration
Data Storage: >10000
Display: 10.4" TFT touch screen
Battery: Nickel-metal hydride battery, 3.0Ah
Printer: Built-in thermal printer, 70mm
Barcode Reader: Up to 14 kinds barcode type
Dimension (Length*width*Height):
　Instrument: 400mm×574mm×344mm
　CAL PAK: 258mm×180mm×70mm
　Auto QC: 103mm×180mm×70mm
Weight: 18KG
Working Environment: 15℃~30℃
Storage Environment: 5℃~40℃
Power supply: 100-240V~±10%, 50/60±1Hz, Power: 150VA

Handheld Veterinary Urine Analyzer
Model: UR-10V

Features:
1) Small size and ligh weight
2) 2.4" LCD screen, easy to operate
3) Automatic data analysis and report generation
4) High reproducibility and reliable results
5) Applicable for animal hospitals, veterinary labs, farm, etc.
6) 10 test items: Leukocytes(LEU), Urobilinogen(UGB), Nitrite(NIT), Protein(PRO), PH, Blood(BLD), Specific Gravity(SG), Ketone(KET), Bilirubin(BIL), Glucose(GLU)

Specifications:
Display: 2.4" LCD screen
Keypad: Touch keypad
Throughput: 300 tests/hour (fast mode), 60 tests/hour (normal mode)
Test items: 10
Memory: 1000 Recent Test Results
Printer: Wireless thermal printer (optional)
Interface: Mini USB
Power supply: Li-battery DC 5V, 2A
Charger power supply: AC 100-240V, 50/60Hz
Net weight: 160g
Dimension: 110mm*68mm*27mm

Biological Microscope
Model: BM-117M

Specifications:
Viewing Head: Compensation free binocular head, Inclined at 30°, interpupilary distance 48-75mm
Eyepiece: WF 10×/18
Objective: Achromatic Objective 4×, 10×, 40×, 100×
Nosepiece: Backward Quadruple Nosepiece
Stage: Double Layer Mechanical Stage 132×142mm/ 75×40mm
Focusing: Coaxial Coarse & Fine Adjustment, Moving Range 24mm, Fine Division 0.004mm
Condenser: Abbe NA 1.20 with Iris Diaphram & Filter
Illumination: LED 3W, Brightness Adjustable

Optional:
Compensation Free Trinocular Head (inclined at 30°, interpupilary Distance 55-75mm);
Eyepiece: P16×/11;
Halogen Lamp 6V/ 20W, Brightness Adjustable;
Phase Contrast Kit;
Dark Field Attachment;
Polarization Attachment.

Biological Microscope
Model: BM-200M2

Features:
1) With excellent optical system and reliable structure, it makes the image much sharper, and the operation easier. With wide range of accessories (e.g. dark field, phase contrast, epi-fluorescent) and advances to expand the application scope of the BM-200M2, the versatility of the microscope provides more microscopy for you.
2) Big operating space with backward nosepiece, sharp Image with high quality objectives
3) Easier comparing test with dual slides finger of mechanical stage
4) Comfortable handling with precise focusing system

Specifications:
Viewing Head: Compensation free binocular head, Inclined at 30°, interpupilary distance 48-75mm
Eyepiece: Wide Field Eyepiece WF10×/18
Objective: Semi-plan Achromatic Objective 4×, 10×, 40×, 100×
Nosepiece: Backward Quadruple Nosepiece
Stage: Double Layer Mechanical Stage 140×140mm/ 75×50mm
Condenser: NA 1.25 Abbe Condenser with lris Diaphragm and Filter
Illumination: Halogen Lamp 6V/ 20W, Brightness Adjustable

Optional:
Monocular Head , Trinocular Head
Quintuple Nosepiece
Plan Achromatic Objective
Infinite Achromatic Objective
Infinite Plan Achromatic Objective
Big size stage with dual slides finger
Kohler Illumination
Aspherical Collector

Biological Microscope
Model: BM-2C

Features:
BM-2C biological microscope uses very widely. It is suitable to biology, pathology, bacteriology observation, teaching and professional research, clinical experiment and routine medical examination for medical and health institutions, labs, graduate institutes and colleges. It is a necessary instrument for the schools' labs too.
BM-2C biological microscope's design is advanced, sculpt is novelty, adopts different kinds of techniques to makes microscope is easy to use, safety and credibility.

Specifications:
Eyepieces magnification: 10×, 16×
Objectives magnification: 4×, 10×, 40×, 100×(oil)
Optical magnification: 40×- 1600×
Articulated type binocular, interpupillary distance adjustment range: 55-75mm, inclined 30º, turning to 360º
Condenser: N.A. 1.25, Abbe condenser with Iris Diaphragm
Filters: blue, yellow, green and frosted
Stage size: 125×130mm move range: 60×30mmmm, vernier: 0.1mm
Coarse/fine focusing hand wheel, focusing range: 35mm, minimum division: 0.002mm
Electronic light source: 6V/20W with continuous adjustable brightness
Anti-fungus: yes.

Standard Configuration:
Microscope main unit, Plan eyepieces (10×,16×), Achromatic objectives (4×, 10×, 40×, 100×(oil)), Binocular tube, Filters (blue, yellow, green and frosted glass), Alternate halogen lamp, Oil (compounded).

Digital Microscope
Model: DM-130

Features:
1) Integrated digital microscope, resolution 1280×1024 (1.3M pixel)
2) USB2.0 output, plug and unplug freely
3) Support WINDOWS 2000/XP/VISTA system, Equipped with powerful applied software
4) Economic features, widely used in academic demonstration and health system

Specifications:
Camera System: Valid Pixel: 1280×1024 (1.3M pixel); Output Mode: USB2.0; Operation System: WINDOWS 2000/XP/VISTA; Software: ScopeImage 9.0; Range of Viewing Field: >90%
Viewing Head: Seidentopf type Binocular Head, Inclined at 30°, Interpupilary Distance 48-75mm
Eyepiece: WF10×/18
Objective: Achromatic Objective 4×, 10×, 40×, 100×
Nosepiece: Backward Quadruple Nosepiece
Stage: Double Layers Mechanical Stage 132×142mm/ 75×40mm
Condenser: Abbe NA1.20 with Iris Diaphragm & Fliter
Focusing: Coaxial Coarse & Fine Adjustment System, Range 24mm, Fine Division 0.004mm
Illumination: LED 3W, Brightness Adjustable

Optional:
Eyepiece: P16×/11;
Halogen Lamp 6V/ 20W, Brightness Adjustable;
Phase Contrast Kit;
Dark Field Attachment;
Polarization Attachment.

Tabletop Low Speed Centrifuge
Model: L420, L500, L600

Features:
1) Microprocessor control and DC brushless motor.
2) Touch panel and LCD display.
3) RCF value can be calculated automatically.
4) Special damping structure to reduce vibration.
5) Electrical door interlock, with which centrifuge cannot work if the door is open and the door cannot be opened when it is working.
6) Stainless rotors with variety of capacity for convenient operation.

Specifications:

Model	L420	L500	L600
Order No.	186000	211000	213000
Max . Speed	4200rpm	5000rpm	6000rpm
Max. RCF	2760xg	4030xg	5120xg
Max. Capacity	12x20ml	16x15ml	16x15ml
Speed Accuracy	±30rpm	±30rpm	±30rpm
Time Setting Range	1min to 99min	1min to 99min	1min to 99min
Noise	≤65dB(A)	≤65dB(A)	≤65dB(A)
Power Supply	AC 110~ 220V, 50/60Hz	AC 110~220V, 50/60Hz	AC 110~220V, 50/60Hz
Total Power	250W	250W	250W
Dimension (WxDx H)	370x432x250mm	370x432x250mm	370x432x250mm
Package (WxDxH)	435x580x312mm	435x580x312mm	435x580x312mm
Net Weight	14kg	15kg	15kg

L420 Rotors Options:
a) Code 808400: Capacity: 18 x 10ml, Max. Speed: 4000rpm, Max. RCF: 2200xg, Adaptor: 808409(7ml)
b) Code 808500: Capacity: 12 x 20ml, Max. Speed :4000rpm, Max. RCF: 2200xg, Adaptor: 808512 (5ml evacuated tube)
c) Code 854700: Max. Capacity: 4x50ml,Max. Speed: 4200rpm, Max. RCF: 2760xg
d) Code 854800: Max. Capacity: 12x15ml, Max. Speed: 4200rpm, Max. RCF: 2760xg
e) Code 854900: Max. Capacity: 8x10ml/16x5ml, Max. Speed: 4200rpm, Max. RCF: 2760xg
f) Brackets

L500 Rotor Options:
a) Code 808350: Rotor Capacity: 24x10ml, Max. Speed: 5000rpm, Adaptor: 808308(1.5ml)
b) Code 855201: Max. Speed: 4200rpm, Max. RCF: 2760xg
c) Brackets

L600 Rotor Options:
a) Code 808700: Rotor Capacity: 12x15ml, Max. Speed: 6000rpm, Max. RCF: 5120xg
b) Code 855201: Max. Speed: 4200rpm, Max. RCF: 2760xg
c) Brackets

Micro-Hematocrit Centrifuge
Model: TG12M

Features:
1) Microhematocrit centrifuge can be used to determine hematocrit value and separate the micro-blood from micro-solution.
2) Microprocessor control and DC brushless motor, which is stable and noiseless during operation.
3) The parameters can be freely revised during a run.
4) RCF value can be calculated automatically, unique RCF Key for convenient observation.
5) Seconds display if the centrifugation time is less than 1 min.
6) The protective functions of self-diagnose and overspeed for better safety.

Specifications:

Model	TG12M
Order No.	160000
Max. Speed	12000rpm
Max. RCF	14800xg
Max. Capacity	36-place microhematocrit rotor
Speed Accuracy	±30rpm
Time Setting Range	1min to 99min
Noise	<62dB(A)
Power Supply	AC 110~220V±10%, 50/60Hz
Total Power	300W
Dimension (WxDxH)	330x390x300mm
Package (WxDxH)	395x650x340mm
Net Weight	25kg

Optional Rotors:
a) Code 854200: Capacity: 36-place, Max. Speed :12000rpm, Max. RCF: 14800xg
b) Code 852700: Capacity: 24-place, Max. Speed :12000rpm, Max. RCF 14800xg
c) Code 852800: Capacity: 12-place, Max. Speed :12000rpm, Max. RCF: 14800xg