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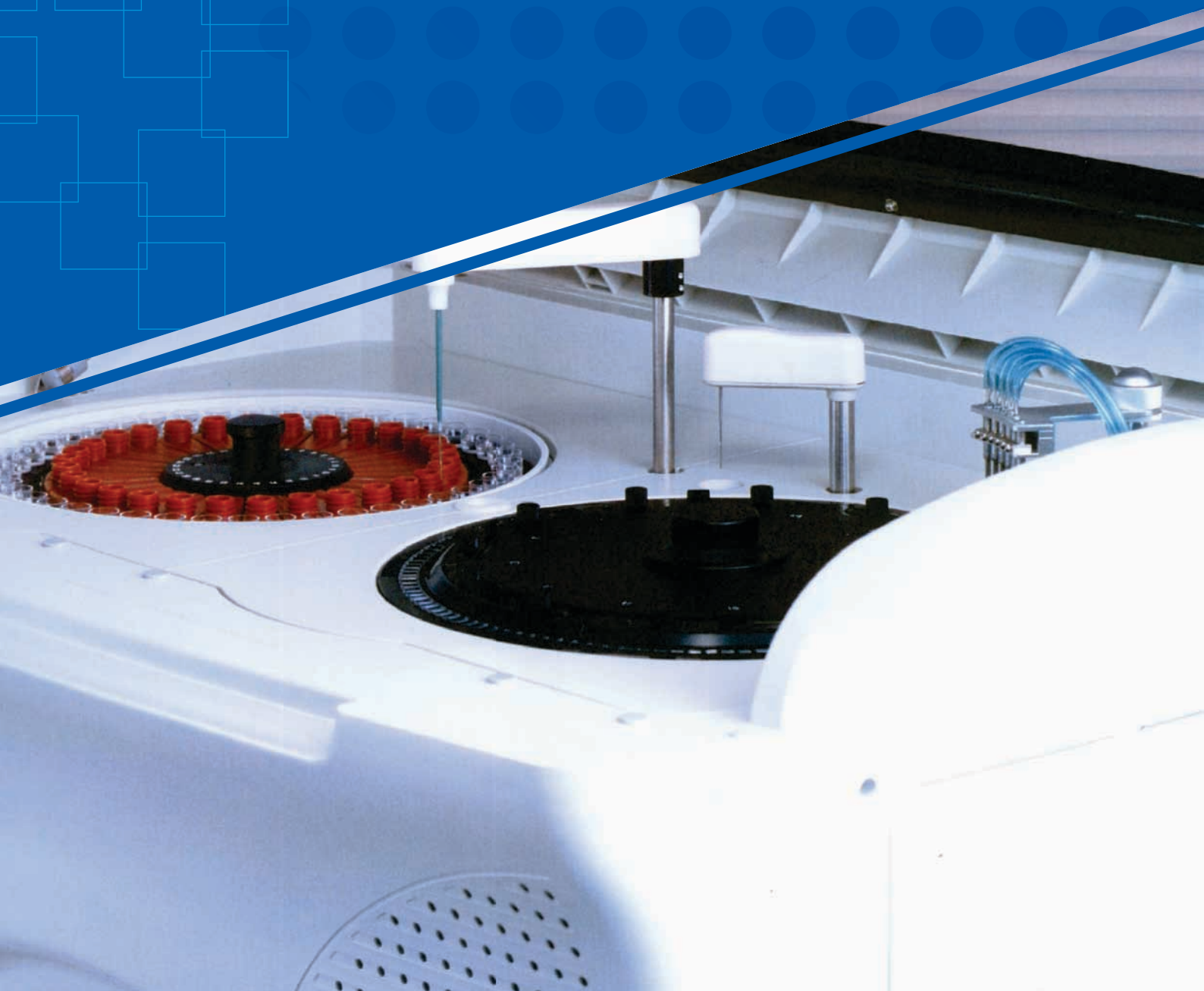
DIAGNOSTIC | EQUIPMENTS | REAGENTS



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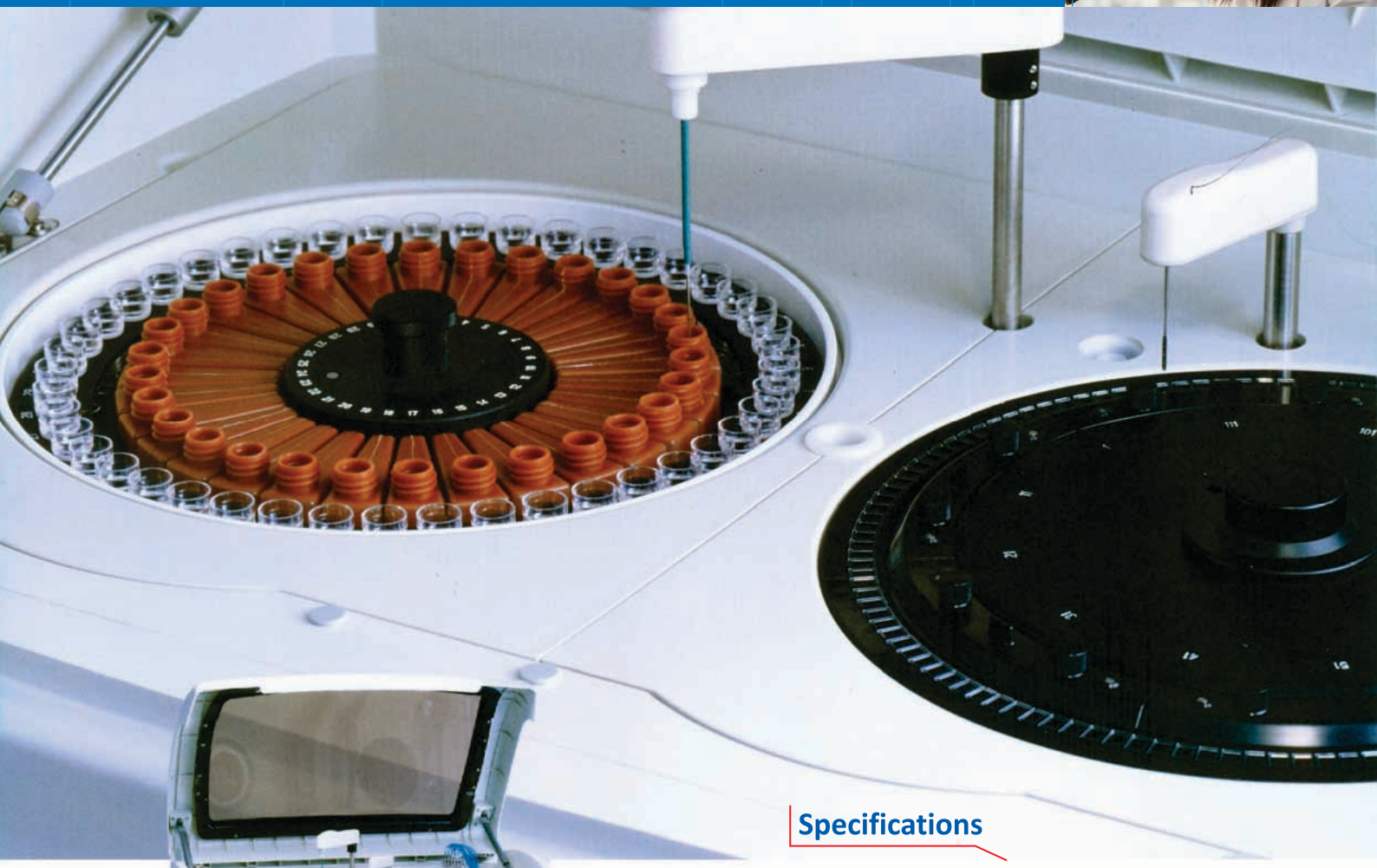

8020A

Automatic Chemistry Analyzer

Ideal random access for fully Automatic chemistry analysis

Specifications

Assay methods : End Point, Kinetic, Fix time etc.
Principles : Photoelectric Colorimetry
LIght Source : halogen lamp 12v/20w
Photometry range : -0.1～4.5 Abs
Resolution : 0.0001 Abs
Wavelength : 8 Wavelengths optional (340nm～800nm)
Throughput : 200 tests / hour
Memory Capacity : up to 1200 items
Reagent tray : 30 reagent positions
Sample tray : 45 sample positions
Reaction tray : 120 reaction positions
Sample volume : 2-100μl, with 0.5μl increment
Reagent volume : R1:10～350μl, R2:10-200μl with 1μl increment
Reaction volume : 180μl-600μl
Water consumption : 2L/hour under working status
Clean unit : 8-step auto-washing with 5 probes
Calibration : Line /non-line; multi-standards assay (Max:7QC values)
Control : 3 level controls for each item, analyzing and printing QC analysis diagram
Temperature control : incubator : 37°C ± 0.1°C
Repetition of absorbency : ≤ 0.1%
Probe cleaning : Inside and outside automatic washing Carry over ≤ 0.1%
Power Voltage : AC 100～130/200～240V, 50/60Hz
Ambient : Operating temperature : 15-32°C , Relative humidity : ≤ 85%
Atmosphere pressure : 86-106kPa

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PRIETEST TOUCH
Biochemistry Analyser

Effective temperature regulation system with Peltier controlled cuvette / flow cell block. * Dual reading mode * Rebust system with built in stabilizer. * Latest technology with battery backup for 250 tests with QC, more than 2000 results. * Robust in built 20 Column Thermal Printer with 384 stationery heads. * Unique circuitry for long lamp life. * Reliable peristaltic pump with maintenance free operations. * Sophesticated software for kinetic graph with built in delta calculation. * Monochromatic, Biochromatic Measurement. * Multi Standard Calibration. * Patients ID entry. * Editing of saved tests. * Human machine user interface: Touchpad, Keypad. * Built in Incubator. * Levey Jennings and Standard deviation graphs. * Optional interface for External Printer.

PRIETEST EASY LAB
Biochemistry Analyser

Specifications

Measuring System	:	PhotometricLinear
Measuring Range	:	0.000 to 3.000 Absorbance Units (A)
Monochromator	:	Interference Filter 340, 405, 510, 546, 578 & 630 nm
Test Tube Volume	:	500 µl
Display	:	Four Line LCD, back lit, 16 Characters
Concentration Calculation	:	By factor or by standard
Incubator	:	Built-in 37°C, 15 test tubes

PRIETEST ECO
Biochemistry Analyser

Features

- Effective temperature regulation system for 12 position dry block incubator.
- Peltier Controlled Cuvette block
- Versatile calculation option by factor or standard concentration.
- Extensive programming modes.
- Latest technology with battery backup for 100 test, calibration graph and 10 QC results per test.
- Robust in built 20 Column Thermal Printer with 384 stationary heads.
- Unique ciruitry for long lamp life.
- 50 µl Cuvette volume.
- Built in stablizer
- Prints Kinetic Graph
- QC with Levey-Jennings Graph

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AUTO HEMATOLOGY ANALYZER

Specifications

Parameters	:	WBC, LY#, MID#, GRAN#, LY%, MID%, GRAN%, RBC, HGB, HCT, MCV, MCH, MCHC.RDW-CV, RDW-SD, PLT, MPV, PDW, PCT 3 part differntiation of WBC, 19 parameters and 3 histograms.
Principles of Operation	:	WBC/RBC/PLT : Electrical Impedance HGB : Photoelectric colorimetry
Aspiration Volume	:	Whole Blood 18μL, Pre-diluted 20 μL
Aperture Diameter	:	WBC 100 μ m, RBC/PLT 68 μ m
Thoughput	:	60 samples per hour
Data Storage	:	Upto 10,000 sample results (include 1,000 latest Histograms)
Alarms	:	Error messages

Dilution Ratio	:	Whole blood	Capillary blood
		WBC / HGB	1 : 232	1:400
		RBC/PLT	1:40000	1:45000

Display	:	5.5 inches LCD, Resolution 320 × 240
Dimension	:	46mm × 300 mm × 420 mm **N.W.:** 17kg
Power Requirement	:	AC 100V/240V, 50/60Hz
Input / Output	:	System Keyboard, Internal thermal printer, External Printer, RS232 to Computer.

EAZY CLOT

Activated Clot Time Machine

Specifications

- Designed to perform all routine tests such as PT, APTT, TT, FIB and clothing factors.
- Results are both printed and displayed in seconds and in concentration.
- Data is printed and stored with RATIO and INR Values.
- Prints and stores calibration graph.
- Dry block incubator for 37 degree centigrade with multi timer.
- Facility to enter clinic name.
- Uniform mixing of Sample & Regent with magnetic stirrer.

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READWELL TOUCH

Automatic ELISA Plate Analyser

Features

- Robust system with built-in stabilizer.
- Built in Shaker with variable speed & duration.
- Results printing in matrix mode format.
- Option to run multiple bank in Cut-Off mode.
- Bichromatic Readings.
- Ability to read from any strip in a single plate.
- Extensive Curve Plotting.
- Unique circuitry for long life of lamp.
- Facility to enter clinic name.

WASHWELL PLATE

Automatic ELISA Plate Washer

Features

- Specially designed Manifold assembly to prevent any scratching on bottom of well.
- User programmable soak time, wash cycles and dispensing volume.
- On board two plate incubator at 37°C with programmable timer.
- Waste bottle full warning with audible alarm.
- Built-in stabilizer.
- Continuous aspiration to prevent overflow.
- Removable manifold.
- Ability to wash single strip of 8 wells.
- Auto detection of bottom of well and collision prevention.

READWELL STRIP

ELISA Strip Analyser

Features

- Robust system with built in stabilizer.
- Extensive programming modes like Absorbance, Sing Standard, Multi standard, Cut off and % Abosrbance.
- Latest technology with battery backup for 125 test with calibration curves.
- Robust in built 20 column thermal printer with 384 stationery heads.
- Unique pause mode to use the analyser in absence of printers.
- Extensive Curve Plotting.
- Ability to reade Single well.
- Unique circuitry for long lamp life.
- Facility to enter clinic name.

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WASHWELL STRIP

Automatic ELISA Strip Washer

Features

- Built-in stabiliser.
- Ability to wash single well / multiple wells.
- Waste bottle with acoustic signal for bottle full indication.
- Overflow protection through continuous aspiration.
- Cross wash facility.
- Auto detection of bottom of well and collision prevention
- Optional built-in incubator 37°C (Factory set) with
- programmable timer.

ESR 2010

Automated Erythrocyte Sedimentation Rate Analyzer

Specifications

Application	:	Blood Sedimentation Rate Analysis
Loading Capacity	:	Maximum 10 Samples
Loading Pattern	:	Random Access
Reading Chambers	:	10 (ten)
Analytitical capacity	:	Maximum 20 tests/hour
Loading capacity	:	Maximum 10 samples at a time
Analysis time	:	30 minutes
Throughput	:	20 specimens per hour
Test Tube	:	1.1 ml-1.28 ml blood.
Temperature correction	:	Results autocorrected to 18°C (Manley)
Measurement principle	:	Infrared (IR) detection
Reading resolution	:	+/0.2 mm (Mechanical / Optical precision detection by software controlled by encoder resolution)
Result resolution	:	+/-1mm
Blood draw level	:	+4 mm / - 10mm from acceptable range
Measurement range	:	1-140 mm/hr
Reproducibility	:	C.V. <5% (specimen dependent)
Display	:	LCD 40 x 2 with back-light
Interface	:	LPT for printer & RS 232 for Computer
Dimensions (wxhxd)	:	22cm x 21.6 cm x 17.5 cm
Operating conditions	:	Temperature 15°C ~ 30°C Humidity 45%~85%
Weight	:	~2.5 kg
Power Adaptor	:	Input 110-220V AC 50/60 Hz. Output 5V 3A
Power for Analyzer	:	Input 5V 3A
DMS	:	only available to registered users
ESP tubes	:	8 × 120mm, 1.6ml Vacuum / Non-Vacuum ESR
Conformity	:	ISO 13485 & CE

Features

- Smart Technology
- Ease of Use
- Complete Flexibility
- Quality and Reliability of Results
- Productivity Advantage
- Advanced feature
- Safety of Handling
- No Service Maintenance

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AUTORA

Fully Automatic, Random Access, bench top Biochemistry Analyser

Features

- Dedicated probe for sample & reagent
- On board reagent cooling
- Permanent individual optical quality glass curvette
- On board curvette washing, Nominal water consumption
- Integrated computer, swivel type color display
- Operation command through keyboard or click of mouse
- Real time monitoring of status of analyser function
- Two level Quality Control with Levey Jenings graphs.
- Exhaustive Reagent Data Management, Patient demography, Patient report on line.
- High quality optical system incorpating long lamp life, narrow band interference fitters, Photodiode.
- All routine & uncommon test under End Point, Fixed Time, Kinetic using factor or standard single or multi standard.

- Bilirubin Total
- Cholesterol
- Calcium (Arsenazo III)
- Gamma GT
- Bilirubin Total & Direct
- HDL Cholesterol PPT Reagent
- Chloride
- GOT / AST
- Glucose
- Triglycerides
- Phosphorus
- GPT / ALT
- Urea (GLDH, UV, Kinetic)
- Albumin
- Alkaline Phosphatase
- Hemoglobin-CMG
- Urea (Mod. Berthelot)
- Total Protein
- Analyse
- Hemoglobin-SLS
- Creatining
- Micro Protein
- CK-Nac
- Priewash
- Uric Acid
- Calcium (OCPC)
- CK-MB

CE Certified Products | ISO 13485 : 2003 Certified Company | Convenient Pack Size
Compatible with Semi & Fully Automatic Analysers | Liquid Stable Reagents

Clinical Chemistry Reagents (IVD Test Kits)

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URINE ANALYSER

Diagnostics Supplier

Features

- Parameters : pH, Nitrite, Special Gravity, Ascorbic Acid, Blood, Gllucose, Bilirubin, Urobilinogen, Ketone, Leucocytes, Protein
- Principle : dual-wavelength reflectance photometry
- Wavelength : 550mm, 620mm, 720 mm
- Two test modes : Normal mode, 60 samples/hour Continuous mode, 120 samples/hour
- Memory capacity : 1000 results
- Strip Uritest 10A & 11A Urine reagent strips
- Dimension 320mm & 300mm X 120mm

Features & Functions

- Friendly Opeartion
- Internal calibration for sensitivity of strips
- Cold light source facility with long life and high stability.
- Built-in thermal printer & port for an external printer
- Two test modes and pseeds for selection
- Compact size with large LCD Display
- Data transfer capability via RS232 port.

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A Medical Instrumentation Company

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