



Vision Fountain
Biotechnology

Medical Instrument

- Electrolyte Analyzer Series
- Western Blot Series
- Erythrocyte Sedimentation Rate (ESR) Dynamic Analyzer

- Leading
- Applicable
- Professional

XD690

Electrolyte Analyzer Series

- XD690 I K⁺ / Na⁺ / Cl⁻ Analyzer
- XD690 II K⁺ / Na⁺ / Cl⁻ / Li⁺ Analyzer
- XD690 III K⁺ / Na⁺ / Cl⁻ / iCa⁺⁺ / pH Analyzer
- XD690 IV K⁺ / Na⁺ / Cl⁻ / iCa⁺⁺ / Li⁺ / pH Analyzer
- XD697 K⁺ / Na⁺ / Cl⁻ / TCO₂ Analyzer



- Testing procedure is monitored by the computer to ensure high precision and stability.
- Large and high definition touch screen.
- Automatic running and testing 24 hours.
- Self-diagnosis, electrode abnormal alarm, electrode conditioning reminding.
- Optimized fluid flow system.
- Automatic air bubble detecting.
- Self-testing function.
- Safe, environmental sealed reagent pack.
 - Automatic reagent consumption calculation.
 - Automatic data saving when power failure.
 - Data saving, transferring, searching and printing.
 - QC adjustment program.
 - QC diagram within recent 31 days.

MEASUREMENTS

ITEM	RANGE	PRECISION
K ⁺	0.50-15.00 mmol/L	CV≤1.0%
Na ⁺	30.0-200.0 mmol/L	CV≤1.0%
Cl ⁻	30.0-200.0 mmol/L	CV≤1.0%
iCa ⁺⁺	0.10-6.00 mmol/L	CV≤1.0%
Li ⁺	0.10-6.00 mmol/L	CV≤2.5%
pH	6.00-10.00	CV≤1.0%
TCO ₂	5.0-60.0 mmol/L	CV≤4.0%



SPECIFICATIONS

Sample Type	Plasma. Serum. Blood And Others
Test Time	≥ 60samples/h
Sample Volume	≥120μl
Display	Large LCD Touch Screen
Printer	Built-in Printer
Output	RS232C
Power	AC220±22V,50Hz±1Hz, 120VA
Environment	Temperature 5-40°C, Humidity ≤ 80%
Size	390mm x 270mm x 408mm
Weight	≤11kg

XD600

Electrolyte Analyzer Series

XD683 K⁺ / Na⁺ / Cl⁻ Analyzer

XD684 K⁺ / Na⁺ / Cl⁻ / Li⁺ Analyzer

XD685 K⁺ / Na⁺ / Cl⁻ / iCa⁺⁺ / pH Analyzer

XD687 K⁺ / Na⁺ / Cl⁻ / TCO₂ Analyzer



- Using the ion-selective electrode and automatically controlled by the microprocessor.
- Can test K⁺, Na⁺, Cl⁻, Li⁺, iCa⁺⁺, pH and TCO₂ fast, accurately and reliably.
- Can also calculate the value of Anion Gap (AG).
- Convenient and practical clinical testing instrument.
- Large LCD, friendly interface in English and easy to operate.
- Automatic and guaranteed air bubble examining function.
- 24 hours standby. Switching into energy saving mode after 10 minutes with no action automatically.
- Automatic two-points calibration.
- Multi-points QC.
- QC chart can be printed out within 31 days'.

MEASUREMENTS

ITEM	RANGE	PRECISION
K ⁺	0.50-15.00 mmol/L	CV≤1.0%
Na ⁺	30.0-200.0 mmol/L	CV≤1.0%
Cl ⁻	30.0-200.0 mmol/L	CV≤1.0%
iCa ⁺⁺	0.10-5.00 mmol/L	CV≤1.0%
Li ⁺	0.10-5.00 mmol/L	CV≤3.0%
pH	6.00-9.00	CV≤1.0%
TCO ₂	5.0-60.0 mmol/L	CV≤4.0%



SPECIFICATIONS

Sample Type	Plasma. Serum. Blood And Others
Test Time	≥ 60 samples/h
Sample Volume	120μl (Min 75μl)
Display	Large LCD Screen
Printer	Built-in Printer
Output	RS232C
Power	AC220V±22V,50Hz±1Hz,100VA
Environment	Temperature 5-40°C, Humidity ≤ 80%
Size	420mm x 360mm x 270mm
Weight	≤ 12kg



ESR-30

Automatic Erythrocyte Sedimentation Rate Dynamic Analyzer



- Using the infrared technology.
- Scan and exam the positions of the red blood cells and the interface of the plasma regularly, which is automatically controlled by the microcomputer.
- Data is displayed on the LCD screen directly.
- Data can be printed out in the forms of ESR results and ESR curves by the internal printer.
- Capable of storing 4000 results and curves.
- Offering a simple safe economical and highly accurate method for performing ESR determination.
- Working perfectly without the disturbance of icterus, hemolysis, chyle and other pathological samples and without the bad effect of the external factors.
- Correlativity with Westergren's method.



DSI-900

Electrolyte Analyzer Series

DSI-903B K⁺/ Na⁺/ Cl⁻ Analyzer

DSI-905 K⁺/ Na⁺/ Cl⁻ / iCa⁺⁺ / pH Analyzer

- Large LCD, friendly interface in English and easy to operate.
- 25 seconds from absorbing the sample to have the final results. The results will be displayed in units of mmol/L on the screen.
- Transparent testing cavity makes it easier to remove the air bubbles or the blood clots.
- 24 hours standby. Automatically calibrate every 2 hours. Samples are ready to test all the time.
- It has QC programs to satisfy the QC standards of different locations, QC data processing can also be satisfied and calculate the values of \bar{x} , SD and CV%.
- RS-232 standard interface is available for computer connection.

MEASUREMENTS

ITEM	RANGE	PRECISION
K ⁺	0.50-9.99mmol/L	CV≤1.0%
Na ⁺	80.0-200.0mmol/L	CV≤1.0%
Cl ⁻	50.0-200.0mmol/L	CV≤1.0%
iCa ⁺⁺	0.10-4.00mmol/L	CV≤1.0%
pH	6.50-8.50	CV≤1.0%

SPECIFICATIONS

Sample Type	Plasma. Serum. Blood And Others
Test Time	≤30S
Sample Volume	100μl
Display	Large LCD Screen
Printer	Built-in Printer
Output	RS232C
Power	AC220±22V, 50Hz±1Hz, 60VA
Environment	Temperature 5-40°C, Humidity ≤ 80%
Weight	≤ 7kg

XD236

Western Blot Series XD236 AutoBlot System

- Automatic running, large LCD screen.
- Cultivation temperature selection: Room temperature. 25°C. 30°C. 37°C. 42°C.
- Friendly interface in English.
- 38+2 programs can be programmed which is flexible , convenient and long-term preservation.
- 36 reagent strips can be tested at the same time.
- Unique design negative pressure suction nozzle. Ensure that the instrument has no cross infection.
- Automatic cleaning function: each strip can be cleaned as needed.
- Position function: the arm has the adding/absorbing solution and location check function.
- Pump can be automatically corrected of the liquid adding error under the control of the computer, and the quantitative correction function of the liquid pump.
- Safety protection for operators is provided by fully closed piping system.
- The program can be locked and unlocked.
- Alarm function: Alarm can be set by adding reagent, substrate, waste liquid overflow and at the end of the test.
- Setting functions: set up pump name, project locked or unlocked, inquiries, insertion and deletion, etc.



XD248

Western Blot Series XD248 AutoBlot System

- Automatic running, large LCD touch screen.
- Cultivation table temperature selection: Room temperature ~45°C.
- Dual programme can be tested at the same time(same solution)
 - Alarm function: Alarm can be set by adding reagent, substrate, waste liquid overflow and at the end of the work.
 - Friendly interface in English.
 - 48 reagent strips can be tested at the same time.
 - Unique design negative pressure suction nozzle. Ensure that the instrument has no cross infection.
 - Position function: the arm has the adding/absorbing solution and location check function.
 - The peristaltic pump can be automatically corrected of the liquid adding error under the control of the computer, and the quantitative correction function of the liquid pump.
 - Safety protection for operators is provided by fully closed piping system.
 - Setting functions: set up liquid pump name, project locked or unlocked, inquiries, insertion and deletion, etc.





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