Blood/Hemo-Dialysis Solution Measuring System
Fully Automated Electrolyte Analyzer

EX-D

Features

◆ Measurement Parameter : Na^+, K^+, Cl^-

◆ Measurement Sample :
Hemo-Dialysis Solution A (Acid Concentrates), Solution B (Bicarbonate),
Solution A+B Balanced
Whole Blood, Plasma, Serum, Diluted Urine

◆ Measurement Speed: 300 tests/hour

◆ Newly developed high sensitive electrode allows only one time calibration in a day to obtain very accurate result of C.V. ≦0.5%

JOKOH

Only one time calibration in a day, very stable data can be obtained. It is designed for easy operation and economical performance.

20 samples at a time

20 samples can be set at once in auto-sampler. It has auto-position function that measurement will always start from first set sample, and also has auto-retest function that abnormal value sample can be retest automatically.

Stat sample at any time

With emergency mode, you can test emergency samples at any time even during routine measurement.

Sample nozzle is long enough for syringe, sample cup, capillary and you can even test samples directly from sample tubes easily.

Aluminum reagent pack

With aluminum reagent packs completely sealed up, reagents have almost no concentration or no dilution. Therefore, you can get data more accurate and more reliable.

Single model (without auto-sampler) is also available

model: EX-Ds

Specification of EX-D

Measurement method	Fully automated system with ion selective electrode		
Sample volume	95ul (blood mode), 300ul (Hemo-Dialysis mode)		
Measurement speed	100 samples/hour (Max.), 35 seconds/sample with Stat mode		
Test parameters	**Blood, Serum, Prasma**	**Urine (Diluted)**	
Na$^+$	70.0-200.0 (mmol/L)	10.0-500.0 (mmol/L)	
K$^+$	1.00-20.00 (mmol/L)	1.00-100.0 (mmol/L)	
Cl$^-$	70.0-200.0 (mmol/L)	10.0-550.0 (mmol/L)	
	Solution A (Acid Concentrates)	**Solution B (Bicarbonate)**	**A+B balanced**
Na$^+$	100.0-120.0 (mmol/L)	20.0-40.0 (mmol/L)	130.0-150.0 (mmol/L)
K$^+$	1.00-3.00 (mmol/L)		1.00-3.00 (mmol/L)
Cl$^-$	100.0-120.0 (mmol/L)		100.0-120.0 (mmol/L)
Auto-sample	Built in (20 sample positions)		
Function	1) Sample cup auto-detection		
	2) Sample volume auto-detection		
	3) Auto re-test function for abnormal data		
	4) Auto positioning from first set sample		
	5) Electrical potential of each electrodes can be checked		
Calibration	Two-point automatic calibration (interval is adjustable)		
Test functions	Calculation of the $\overline{\mathrm{x}}$ and C.V. %. Setting up normal range		
Data memory	500 patient data. 100 QC data		
On-line	RS-232C built in		
Display	LCD display with a back light (20 digits, 4 lines)		
Printer	Thermal printer		
Barcode reader	Option		
Weight	Approx. 14 kg		
Dimensions	240 (W) x 410 (D) x 350 (H) mm		
Power	AC 110/220 V ±10%, 50/60 Hz		

JOKOH

JOKOH CO., LTD.

3-19-4 Hongo, Bunkyo-ku, Tokyo 113-0033, Japan
Phone: +81-3-3814-1981   Fax: +81-3-3815-1758
Email: mail@jokoh.com
Home page: http://www.jokoh.com