HORRON®

- Easy to use--3.5 inch touch screen with simple menu
- Powerful--maximum test 9 kinds of ion, 11 parameters
- Economical--sleep mode to reduce reagent consumption

IMS-972Plus
Electrolyte Analyzer

Accurate measurement

Stable performance

Fast service

HORRON®

IMS-972Plus

Electrolyte Analyzer

Technical Data

Specification:		Working environment:	
Model:	IMS-972Plus	Temperature:	10-30°C
Throughput:	80 tests/hour	Atmospheric pressure:	86~106 kPa
Analysis Method:	ion selecive electrode(ISE)	Power supply:	AC220V±22V, 50Hz±1Hz
Sample type:	serum, plasma, whole blood and dilute urine	Power:	≤120W
Sample position:	39 positions (including 5 emergency and 4 functional positions)	Dimension:	380mm (L) *296mm (W) *433mm (H)
Storage:	up to 10000 test results	Net weight:	8Kg
Printer:	Internal thermal printer	Interface:	RS232 port

Measure Data

Items	Measuring Range	Resolution	Measuring Precision(CV%)
K^+	0.50-20.00mmol/L	0.01mmol/L	≤1.5%
Na^+	15. 0—200. 0mmol/L	0.1mmol/L	≤1.5%
Cl^-	15. 0—200. 0mmol/L	0.1mmol/L	≤1.5%
Ca^{++}	0.10—6.00mmol/L	0.01mmol/L	≤2.0%
pH	4.00-9.00pH	0.01pH	≤2.0%
Li^+	0.10-6.00mmol/L	0.01 mmol/L	≤3.0%
Mg^{++}	0.10-4.00mmol/L	0.01 mmol/L	≤3.5%
TCO_2	2.0-70.0mmol/L	0.1 mmol/L	≤3.5%

Main Features

- Friendly Ul : Dynamic and real-time display of sample lD.
- Liquid level automatic detection and alarming . Real-time diagnostic of system working status.
- Automatically detect and filter tiny bubbles to avoid clog and ensure accurate measurement .
- Wave flushing method and direct flushing pipe method to avoid block and crossed contamination.
- Automatic calibration and two-point correction to adjust slope and intercept ; Available to print-out QC graph and QC statistical parameters.
- Power failure protection for data storage up to 10000 results.
- HL7/AS7M LIS communication; Supporting RTC Clock management. Minimum consumption, reduce consumable cost.

Model No.	Configuration
A	K Na Cl
B	K Na Cl TCO_2 AG
C	K Na Cl iCa nCa TCa pH
D	K Na Cl iCa nCa TCa pH TCO_2 AG
F	K Na Cl Li
H	K Na Cl iCa nCa TCa pH Li
I	K Na Cl iCa nCa TCa pH Li TCO_2 AG
K	K Na Cl iCa nCa TCa pH Mg
L	K Na Cl iCa nCa TCa pH Mg TCO_2 AG
M	K Na Cl iCa nCa TCa pH Mg Li TCO_2 AG
N	K Na Cl iCa nCa TCa pH Mg Li

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