IraCom
Towards the New
Era of Healthcare

IraLyte

IraLyte - Electrolyte Analyzer

- 7" Color touch screen, easy to operate
- High accurate and long life electrode
- Programmable multi-format print-out
- Reagent pack, real time monitoring of reagent volume
- Up to 50,000 test results can be stored
- RS-232 port, supporting bar code reader
- Sleep mode to reduce reagent consumption
- Sample tray (primary tube, microtube, bullet cup and Tal Kang cup option)

IraLyte - Electrolyte Analyzer

Parameter Configuration:

A K, Na, Cl
B K, Na, Cl, TCO2
C K, Na, Cl, iCa, nCa, TCa, pH
D K, Na, Cl, iCa, nCa, TCa, pH TCO2 Ag
F K, Na, Cl, Li
H K, Na, Cl, iCa, nCa, TCa, pH Li
I K, Na, Cl, iCa, nCa, TCa, pH Li, TCO2 Ag
K K, Na, Cl, iCa, nCa, TCa, pH, Mg
L K, Na, Cl, iCa, nCa, TCa, pH, Mg, TCO2 Ag
M K, Na, Cl, iCa, nCa, TCa, pH, Li, Mg, TCO2 Ag

Specification:

Sample: serum, plasma, whole blood,
        CSF and dilute urine
Analysis Method: ion selective electrode (ISE)

Measuring time:< 25s
sample volume: 60-300ul (3-11 parameters)
sample position: 39 positions (including 5
        Emergency and 2 QC) for
        sample cups/primary tube/barcode
        reader(optional)
Storage: up to 10000 test results
Printer: internal thermal printer
Interface: RS232 port

Working Environment:

Temperature: 10-30 $^{\circ}$C
Relative Humidity: < 80 %
Atmospheric pressure: (86-106) kPa
Power supply: AC220V + 22V, 50Hz + 1 Hz
Power: < 120W

Dimension: 340mm(L)* 200mm(W)*380mm(H)
Net weight: 6Kg

Parameter	Measuring Range	Resolution	Measuring Precision(CV%)
K+	0.5-20.0 mmol/L	0.01 mmol/L	< 1.0%
Na+	15-200 mmol/L	0.1 mmol/L	< 1.0%
Cl	15-200 mmol/L	0.1 mmol/L	< 1.0%
Ca++	0.1-6.0 mmol/L	0.01 mmol/L	< 1.0%
Li+	0.1-5.0 mmol/L	0.01 mmol/L	< 2.0%
pH	4-9 pH	0.01 pH	< 0.5%
Tco2	2.0-70.0 mmol/L	0.1 mmol/L	< 3.0%

Main Features:

● Friendly UI; Dynamic and real-time display of sample ID.

● 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 50000 results.

● HL7/AS7M LIS communication; Supporting RTC Clock management.

● Minimum consumption, reduce consumable cost.

Manufactured by:

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