



Working environment

Temperature: 5-40°C
Relative Humidity: ≤ 80%
Atmospheric pressure: (86~106) kPa
Power supply: 220V±20V, 50-60Hz
Power: ≤120W

Dimension: 340mm*200mm*380mm
Net Weight: 6Kg



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Main Features:

- Human-machine interactive menu; Dynamic and real-time display of sample ID.
- Automatic Liquid level detection, alarming and Real-time diagnostic of system working status.
- Automatically detect and filter tiny bubbles to avoid clog and to ensure accurate measurement.
- Wave theory flushing method and direct flushing pipe method to avoid block and crossed contamination.
- Automatic calibration and two-point correction to adjust the slope and intercept. QC Graph and QC Statistical parameters are available for the print out.
- Power failure protection to avoid data losing, Data storage could be extended to more than 50,000. Supporting fuzzy query.
- Supporting LIS software; **Upload data format is selectable**; Supporting RTC Clock management.
- Available to power off any time, therefore reduce reagent consumption, that's why it is suitable for any hospital.
- Sleep mode to reduce reagent consumption.



HORRON

H900 ELECTROLYTE ANALYZER

The Choice is yours



- State of the art instrument economical and most reliable.
- 7" Multi Color Touch Screen, large display.
- High Accuracy, long life electrode and HCO₃ sensor.
- Programmable multi-format print-out.
- Real time monitoring of remaining reagent volumes in the fluid pack.
- Up to 50,000 tests results can be stored.
- RS-232 port for data transfer and software up grading.
- User selectable multi-parameter combinations out of Eleven Parameters.
- Automatic Calibration function of each parameter with tracing frequency and QC.
- Long life Electrodes having no noise even if the instrument is turned off for a longer period of time.
- Advance, Automatic maintenance function including flushing, Electrode activation and deproteinization.



Parameter configurations:

A: K, Na, Cl
C: K, Na, Cl, iCa, nCa, TCa, pH
D: K, Na, Cl, iCa, nCa, TCa, pH, HCO₃, AG
F: K, Na, Cl, Li
H: K, Na, Cl, iCa, nCa, TCa, pH, Li
I: K, Na, Cl, iCa, nCa, TCa, pH, Li, HCO₃, AG
J: K, Na, Cl, Mg
K: K, Na, Cl, iCa, nCa, pH, Mg
L: K, Na, Cl, iCa, nCa, TCa, pH, Mg, HCO₃, AG
M: K, Na, Cl, iCa, nCa, TCa, pH, Li, Mg, HCO₃, AG

Specifications:

Sample: Serum, Plasma, Whole blood, cerebrospinal fluid and diluted urine
Measuring speed: ≥25s
Analysis Method: Ion selective electrode (ISE)
Sample volume: 60-300ul (item 3 to item 11)
Sample Position: 39 positions (including 5 emergency and 2 QC)

Items	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 ²⁺	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%
HCO ₃	2.0 - 70.0 mmol / L	0.1 mmol / L	≤3.0%