

Accurate

Stable

Intelligent

Innovative

pulse
Diagnostics

★ Characteristics of performance

- Large-screen high-brightness color LCD display, Chinese menu, touch screen operation, human-computer dialogue, convenient and quick use.
- It is convenient and practical that serum, plasma, and diluted urine can be directly tested on the machine.
- Excellent electrode performance: high precision, wide linear range and long service life.
- The instrument has a high degree of automation; it has a self-test function, automatic two-point calibration, automatic lifting and liquid suction system, cleaning, calibration, standardization, display results and printing.
- Every time a sample is measured, the instrument automatically performs a baseline correction to ensure the accuracy of the measurement.
- Built-in automatic software and hardware interfaces make it easy to upgrade to an automated With standard RS-232 data transmission interface, the test results can be uploaded to the computer for processing which is easy to print specifications, a unified test report.
- Barcode scanner can be connected for scientific information management.
- Ease of maintenance: free from routine maintenance design, easy electrode loading and unloading, reduce the burden on operators; built-in software with automatic diagnosis function that can prompt users to troubleshoot in time.
- Data Reproduction: The instrument can store 1500 test results with power-off and protection function, users can query at any time and can print out according to the sample number combination.
- Low cost of analysis: inexpensive accessories and consumables improve user benefits.
- After-sales service shop can be found all over the country which can solve user's various problems in time.



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PULSE DIAGNOSTICS

Add: 4500 south service Rd

Burlington Ontario Canada

Tel/fax: 905333426

E-mail: sales@pulsediagnosics.net, service@pulsediagnosics.net

Website: www.pulsediagnosics.net

PULSE-LYTE
Electrolyte Analyzer

Electrolyte Analyzer



High efficient cleaning system

- Sophisticated design with automatic sample washing system which can be comparable to similar products in foreign countries.
- Completely overcome cross-contamination between samples.



Reliable detection system

- Equip with stable and long-life peristaltic pump, imported tubing components and detection elements.
- High detection sensitivity and strong anti-interference ability is available to make a stable and reliable result.



Automation and simplification of operation

- Reliable liquid path positioning sensor detects the working process of the flow path in the whole process, and the automatic positioning make the measurement process simple and reliable. The correction program of unique automatic injection volume avoids instability of the test results.

Optional autosampler

- The automatic sampler with cleaning, calibration, quality control, and emergency functions is set to match the automatic flushing system, which is convenient, fast, and saves time and effort.
- All models can be equipped with an autosampler.

Completed testing project

- The detection items including K^+ , Na^+ , Cl^- , nCa^{2+} , iCa^{2+} , TCa, pH, TCO_2 are available.

Excellent performance indicators

Measurement project	Reproducibility(CV%)	Resolution	Measuring range
K^+	$\leq 1.0\%$	0.01mmol/L	0.50~15.00mmol/L
Na^+	$\leq 1.0\%$	0.1mmol/L	30.00~200.00mmol/L
Cl^-	$\leq 1.0\%$	0.1mmol/L	30.00~200.00mmol/L
Ca^{2+}	$\leq 1.5\%$	0.01mmol/L	0.10~5.00mmol/L
pH	$\leq 1.0\%$	0.01	7.00~9.00(unit)
TCO_2 (EA5500)	$\leq 3.0\%$	0.01mmol/L	6.0~50.00mmol/L

