MEDICAL
TECHNOLOGY
شـركـة الـتـقـنـيـات الـطـبـيـة
تجـهـيـزات طـبـيـة ومـخـبـريـة
00963 988 448 182
00963 998 773 699
SYRIA
Damascus - Idlib - Sarmada
Lab.med.tec@gmail.com
www.medical-technology.co

DN-X Series Electrolyte Analyzer

High Efficiency
8 parameters: K^+, Na^+, Cl^-, Ca^{2+}, pH, n-Ca, T-Ca, Li^+
Get result in 25s, 40 tests per hour

Accurate Detection
Sensitive and long life electrode
*with one-year warranty for electrode

Flexible & Cost Control
2 types of reagent: All-in-one Cartridge Type, Bottle Type
Low cost of test consumption
Auto standby mode, reduce reagent consumption

Easy Operation
Auto fluidic flushing system
Support barcode reader
Easy data management, LIS supports



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Technical parameter

- ***Model***

  DN-X3: K^+, Na^+, Cl^-

  DN-X4: K^+, Na^+, Cl^-, Li^+

  DN-X5: K^+, Na^+, Cl^-, Ca^{2+}, pH

  DN-X6: K^+, Na^+, Cl^-, Ca^{2+}, pH, Li^+

- ***Sample type:***

  Serum, plasma, whole blood, cerebrospinal fluid and diluted urine

Measurement range and accuracy

Parameter	Accuracy(B)	Precision(CV)	Linear			Stability(R)	Contamination Rate
			Section/ (Mmol/l)	Deviation (D)	Correlation Coefficient(r)		
K^+	≤3.0%	≤1.0%	1.50-7.50	≤3.0%	≥0.995	≤2.0%	≤1.5%
Na^+	≤3.0%	≤1.0%	100.0-180.0	≤3.0%	≥0.995	≤2.0%	≤1.5%
Cl^-	≤3.0%	≤1.0%	80.0-160.0	≤3.0%	≥0.995	≤2.0%	≤1.5%
Ca^{2+}	≤5.0%	≤1.0%	0.50-2.50	≤5.0%	≥0.995	≤3.0%	≤2.0%
Li^+	≤5.0%	≤1.0%	0.50-2.50	≤3.0%	≥0.995	≤2.0%	≤2.0%
pH	≤3.0%	≤3.0%	7.00-9.00 (unitless)	≤5.0%	≥0.995	≤3.0%	≤2.0%

Product specifications

Item	Content
Throughput	Get result in 25s, 40 tests per hour
Sample Volume	60uL - 150uL
Test Method	ISE (Ion Selective Electrode Method) (Na^+, K^+, Cl^-, pH, Ca^{2+}, Li^+)
Sample Type	Serum, plasma, whole blood, cerebrospinal fluid and diluted urine
Demension &Net weight	420*320*280mm, 7.5kg
Power Supply	AC100-240V, 50Hz/60Hz
Display	5 inches IPS touchable screen
Operation Condition	5 - 40℃, ≤85% RH, 760 - 1060hPa
Communication Link	LIS System
Interface	RS232-C
Printing Mode	Built in thermal printer
Accessory	Barcode Scanner

Test Procedure

Turn on the analyzer ➡ Do 2-point calibration ➡ Perform daily QC ➡ Sample preparation ➡ Start Test ➡

