SYRIS™

Benchmark of testing Perfection

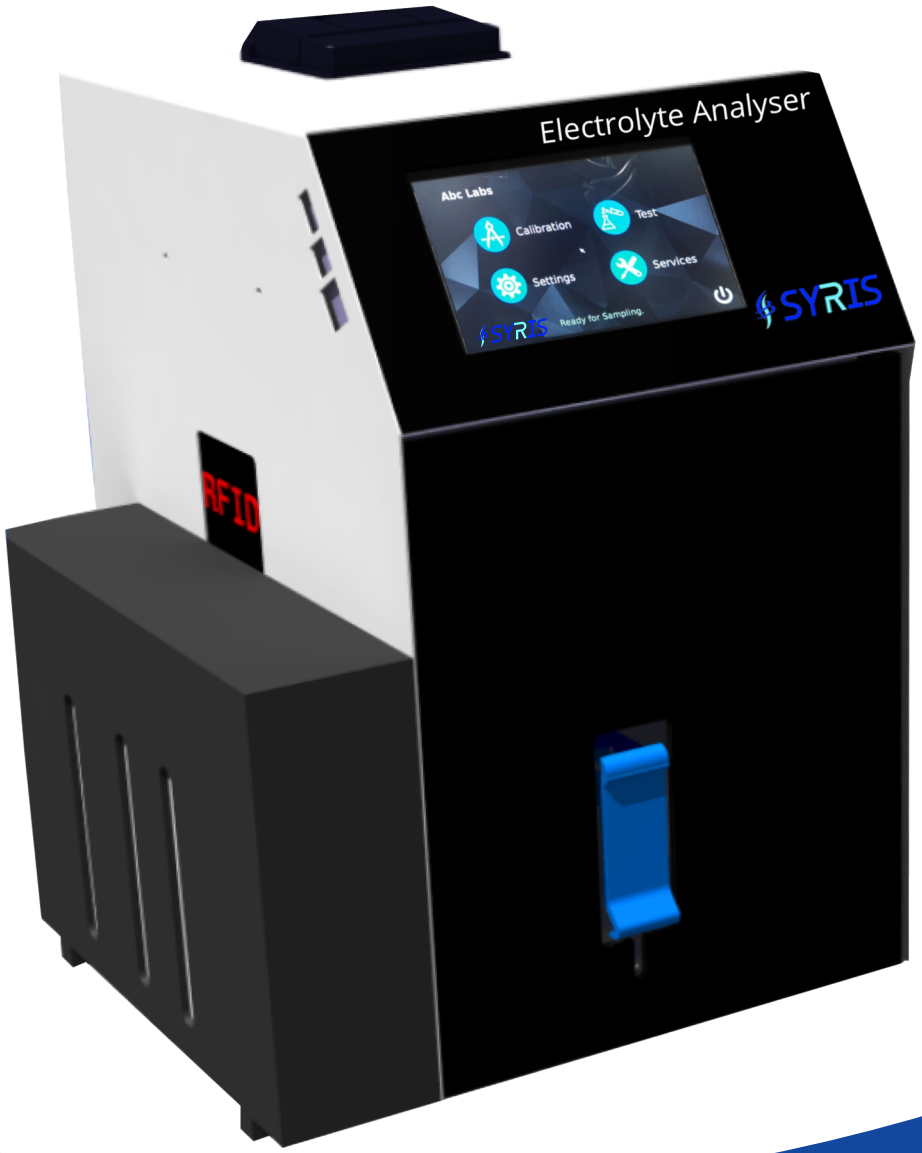
TECHNOLYTE
Electrolyte Analyser

$Na^{+}/K^{+}/Ca^{++}$

$Na^{+}/K^{+}/Cl^{-}$

$Na^{+}/K^{+}/Cl^{-}/Ca^{++}$

$Na^{+}/K^{+}/Cl^{-}/Ca^{++}$/pH



INTRODUCE NEW FEATURES

- 5" TOUCHSCREEN DISPLAY
- BARCODE READER / PENDRIVE /KEYBOARD
- READY 24X7
- EASY TO USE
- LOW RUNNING COST/TEST
- RESULT IN A MINUTE

- EDITABLE LAB / HOSPITAL NAME
- UNLIMITED DATA STORAGE
- ALL TYPES OF SAMPLES
- 100ML SAMPLE ONLY
- RELIABLE RESULT
- EASY TO MAINTAIN

SPECIFICATIONS

Analysis Principle
Ion Selective Electrodes (ISE)

Temperature
10^{o} C - 40 ^{c} C, Humidity > 85%

Analysis time
Less than a minute

Sample type
Whole Blood, Serum, Plasma & Diluted Urine

Throughput
60 test/hour

Sample input
From Syringe, tube & capillary

Calibration
Automatic, 2 point or user Selectable

Sample size
100µL

Calibrators
Calibrator 1(480 ml) & 2(100 ml) Pack.
Individual bottle system.

Measurement
Direct "Flow Through" ION Selective Electrode (ISE)

Rinse method
Automatic

Chamber
Visible w/o opening cover

Patient ID
Auto increment or user selectable

Printer
Thermal 58mm built-in; RS 232 port available

Power requirement
165-242V, 50-60 Hz, <35VA

Dimension
285x202x350mm

QC data capacity
1000 samples per QC

Data Transfer
On-screen recall, Pendrive (PDF), Direct to PC (word/txt file)

Parameters	Range	Resolution	CV in %
Na^{+}	80-180 mmol/L	0.10 mmol/L	< I %
K^{+}	2-10 mmol/L	0.01 mmol/L	< 2%
Cl^{-}	50-150 mmol/L	0.10 mmol/L	<2%
Ca^{++}	0.5-3.5 mmol/L	0.01 mmol/L	< 2%
pH	6.5-8.5mmol/L	0.01 mmol/L	< I%

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ISO 9001:2015 Certified

CE

Technical specification subject to change without prior