

CAREWELL

# CARELYTE - i+

## ELECTROLYTE ANALYZER



Result in 15 seconds



Accurate results



Barcode scanner compatible



Mouse compatible



Direct data transfer to PC

PDF



PDF transfer to pendrive



Inbuilt Average, SD & CV calculator for QC



Hospital/Lab name printable on reports



Patient name printable on reports

**K+ Na+ Ca++ pH Cl-**

ISO 13485



*Think Electrolyte - Think Carelyte*

## SPECIFICATIONS

<b>Analysis Principle</b>	: Ion-selective electrode (ISE)
<b>Analysis time</b>	: Less than 50 seconds
<b>Calibration</b>	: Automatic or Manual, 2-point
<b>Calibrators</b>	: Calibrator Pack (600ml) ; RFID controlled
<b>Temperature</b>	: 10-40C
<b>Throughput</b>	: 70 samples/hr
<b>Sample input</b>	: From tube, syringe, capillary
<b>Sample type</b>	: Whole blood, serum, plasma, Urine
<b>Measurement</b>	: Direct "Flow-Through" ISE
<b>Sample size</b>	: 100ul
<b>Patient details</b>	: Name, Patient ID (keyboard/barcode/mouse) or auto-increment
<b>Rinse Method</b>	: Automatic
<b>Data storage</b>	: More than 20,000
<b>Printer ; Display</b>	: Thermal 58mm build-in printer ; 5" Touchscreen display
<b>Data transfer</b>	: On-screen recall, Pendrive (PDF), Direct to PC (txt file)
<b>QC data capacity</b>	: 1000 samples per QC
<b>Power requirement</b>	: 165-242V, 50/60Hz
<b>Dimension</b>	: 285x202x350mm
<b>Weight</b>	: 6Kg

## RANGE & PRECISION

Parameters	Range	Resolution	CV in %
K+	2-10 mmol/L	0.01 mmol/L	< 2 %
Na+	80-180 mmol/L	0.1 mmol/L	< 1 %
Cl-	50-150 mmol/L	0.1 mmol/L	< 2 %
Ca++	0.5-3.5 mmol/L	0.01 mmol/L	< 2 %
pH	6.5-8.5 mmol/L	0.01 mmol/L	< 1 %

## CONSUMABLES



## MODELS

Model	No. of Parameters	Parameters
702	Two	Na+, K+
703	Three	Na+, K+, Cl-
703C	Three	Na+, K+, Ca++
704	Four	Na+, K+, Cl-, Ca++
705	Five	Na+, K+, Cl-, Ca++, pH

**CAREWELL**

**CAREWELL BIOTECH PVT. LTD.**

An MDR Licensed & ISO 13485:2016 certified company

### Regd. Office

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### Manufacturing Unit

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One year warranty including all electrodes\*