

PRECILYTE-*i*+ ELECTROLYTE ANALYZER



K+

Na+

Ca⁺⁺

pH

Cl-

- Touchscreen Display ■ Editable Hospital ■ Lab Name
- Barcode Reader ■ Keyboard ■ Pendrive Option ■ Easy to use
- Unlimited Data Storage ■ Low Cost/Test ■ Result in a Minute
- Reliable Results ■ Sample Counter

SPECIFICATIONS

| | | |
|--------------------|---|--|
| Analysis Principle | : | Ion Selective Elective (ISE) |
| Analysis Time | : | Less than 60 seconds |
| Calibration | : | Automatic or Manual, 2-Point |
| Calibrators | : | Calibrator 1 (480ml) & Calibrator 2 (100ml) Individual bottle system |
| Throughput | : | 60 Tests/Hr |
| Temperature | : | 10° C - 40° C, Humidity > 85% |
| Sample Type | : | Whole Blood, Serum, Plasma |
| Sample Input | : | From Tube, Syringe, Capillary |
| Sample Size | : | 100 µL |
| Measurement | : | Direct "Flow through" ISE |
| Rinse Method | : | Automatic |
| Patient Details | : | Name, Patient Id (Keyboard/Barcode) or auto-increment |
| Printer | : | Thermal 58mm build-in printer |
| Data Storage | : | Upto 20000 |
| QC Data Capacity | : | 1000 Samples pe QC |
| Data Transfer | : | On-Screen recall, Pendrive (PDF), Direct to PC (Word/txt tile) |
| Power Requirement | : | 165-242V, 50/60 Hz, Grounding is compulsory |
| Dimension | : | 285x202x350mm |
| Weight | : | 6Kg |

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 |
| One Year Warranty including all electrodes* | | |

RANGE & PRECISION

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



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**Due to continuous product improvement, specification are subject to change.*