

# Na K Cl *ions* <sup>plus</sup>

Electrolyte Analyzer with Bicarbonate

## FREEDOM TO CHOOSE

**ADD\*** Parameters as per  
**YOUR REQUIREMENT**



\*Sodium, Potassium, Chloride, pH, Ionized Calcium, Bicarbonate

# Bicarbonate

**NOW** MEASURE & Report  
**ACCURATELY**

**Na K Cl ions<sup>plus</sup>**  
Electrolyte Analyzer with Bicarbonate

## FEATURES

- DIRECTLY MEASURED - quick and accurate
- Long life, maintenance free - Moulded electrodes
- Auto calibration : 4 hours & 8 hours calibration
- High precision peristaltic pump from WELCO, Japan
- Intelligent reagent pack with RFID for reagent management
- Integrated reagent pack with waste collection
- Battery backup facility upto 10 hours (optional)
- Data storage upto 1,00,000 sample, 25000 urine, 100 QC



| Parameters | Units  | Measuring Range | Normal Range  | Reproducibility |
|------------|--------|-----------------|---------------|-----------------|
| Na+        | mmol/L | 20.0 - 250.0    | 135.0 - 145.0 | <1.0%           |
| K+         | mmol/L | 050 - 20.00     | 3.6 - 5.2     | <2.0%           |
| Cl-        | mmol/L | 20.0 - 200.0    | 98.0 - 106.0  | <2.0%           |
| iCa++      | mmol/L | 0.1 - 50.0      | 2.2 - 2.7     | <2.0%           |
| pH         | mmol/L | 4.0 - 9.0       | 7.36 - 7.44   | <2.0%           |
| HCO3-      | mmol/L | 6.0 - 50.0      | 20.0 - 28.0   | 3 mm            |

## \*Choice of Models :

CL902: Na, K  
CL903: Na, K, Cl  
CL904: Na, K, Cl, iCa  
CL905: Na, K, Cl, pH, HCO<sub>3</sub>  
CL906: Na, K, Cl, pH, iCa, HCO<sub>3</sub>

**Additional calculated parameters:**  
TCO<sub>2</sub>, PCO<sub>2</sub>, AG(Na<sup>+</sup>), AG(K<sup>+</sup>), BE

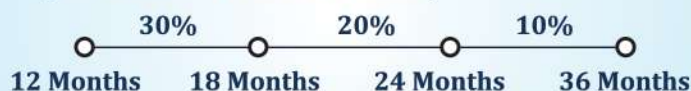
## SPECIFICATIONS

|                              |                                                   |
|------------------------------|---------------------------------------------------|
| Methodology                  | : Direct measurement with ISE                     |
| Sample Type                  | : Whole Blood, Serum, Plasma, CSF & Diluted Urine |
| Measuring Time               | : Results in 65 seconds after sample aspiration   |
| Sample Volume                | : 130 micro liter                                 |
| Output                       | : 128*64 graphics LCD Display with Numeric keypad |
| Printer / External Interface | : 24 Column thermal Printer / Interface : 1 USB   |
| Operation Environment        | : Temperature : 5°C - 40°C, Humidity : <85%       |
| Power Supply                 | : 100 to 240 VAC, 50/60 Hz                        |
| Dimension (W*H*D)            | : 381 mm * 304.8 mm * 177.8 mm                    |
| Weight                       | : 6 Kg                                            |

## \*\* Electrode Warranty

\* Up to 12 months 100% Free Replacement Warranty

\* Up to 36 months Prorated warranty



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