



# CORNLEY

## AFT500 Electrolytes Analyzer



CE



- >> Self-made maintenance free electrodes
- >> Sleep mode to save reagent
- >> Rapid test speed:  $\leq 30$  seconds/test
- >> Min-volume sample consumption:  $\leq 65 \mu\text{L}$
- >> Reagent pack to avoid pollution
- >> On-line instructions provided for self problem-solving
- >>  $\geq 1000$  records storage
- >> Automatic one point and two points calibration with additional manual calibration

# AFT500 Electrolytes Analyzer

Analyzer for any combination of K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Li<sup>+</sup>

## SAMPLE TYPE

Plasma, Serum, Whole Blood, Urine

## TEST RANGE AND ACCURACY

Channel	RANGE	RESOLUTION	CV%
K+	0.50 ~ 10.00mmol/L	0.01	< 1.0
Na+	20.0 ~ 200.0 mmol/L	0.1	< 1.0
Cl-	20.0 ~ 200.0 mmol/L	0.1	< 1.0
Li+	0.10 ~ 3.00 mmol/L	0.01	< 2.0



## WORKING ENVIRONMENT

Ambient Temperature	5 °C ~ 40 °C
Relative Humidity	≤ 85%
Sun Radiation	Avoid direct sunshine
Power Supply	100-240V~ 50/60Hz

## MAIN CHARACTERISTICS

- >> Self-test functions with hints to solve problem
- >> Wide LCD display (240x128)
- >> Dot matrix or thermal printer on demand
- >> Numeric keypad for convenient operations
- >> Randomly choose any combination of K, Na, Cl, Li
- >> High efficient cleaning procedures, best for fatty samples
- >> Automatic calibration on alarms
- >> High, middle and low QC values provided to adjust linearity
- >> RS232 port available
- >> Slope and intercept adjustable to ensure accuracy and linearity
- >> Electrode maintenance alerts
- >> Closed container for both calibrates and waste, which prevents the bio-organic pollution
- >> Autosampler volume: 39 samples