



CORNLEY

ISO9001/ISO13485

AFT500 Electrolytes Analyzer



- >> Self-made maintenance free electrodes
- >> Sleep mode to save reagent
- >> Rapid test speed: ≤ 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
- >> ≥ 1000 records storage
- >> Automatic one point and two points calibration with additional manual calibration

AFT500 Electrolytes Analyzer

Analyzer for any combination of K⁺, Na⁺, Cl⁻, Li⁺

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



Meizhou Cornley Hi-Tech Co.,Ltd.

6/F Block E,Dakan Science&Technology Estate,Xili,Nanshan,
Shenzhen,Guangdong,P.R.China, 518055

Tel:86-755-88867801/ 86330808 Fax:86-755-86330882

Email:emily@cornley.com/ bob@cornley.com

