

ELA-6000, Electrolyte Analyzer



Test range and accuracy:

| Channel | Range | Resolution | CV% |
|-------------------------------|---------------------|------------|-------|
| pH | 4.00 ~ 9.00 | 0.01 | < 0.5 |
| K ⁺ | 0.50 ~ 15.00 mmol/L | 0.01 | < 1.0 |
| Na ⁺ | 30.0 ~ 200.0 mmol/L | 0.1 | < 1.0 |
| Cl ⁻ | 20.0 ~ 200.0 mmol/L | 0.1 | < 1.0 |
| Ca ⁺⁺ | 0.1 ~ 6.0 mmol/L | 0.01 | < 1.5 |
| TCO ₂ ⁺ | 2.0 ~ 70.0 mmol/L | 0.1 | < 3.0 |
| Li ⁺ | 0.1 ~ 5.0 mmol/L | 0.01 | < 2.0 |

Working environment:

| | |
|---------------------|-----------------------|
| Ambient Temperature | 5°C ~ 35°C |
| Relative Humidity | ≤ 85% |
| Sun Radiation | Avoid direct sunshine |
| Power Supply | AC 220V±10V (50/60HZ) |

Sample type: Plasma, Serum, Blood, Urine

Features:

- Larger LCD with touch-screen(320x240)
- Self-made maintenance free electrodes
- Sleep mode to save reagent
- Rapid test speed. 25 seconds/test
- Min-volume sample consumption: 60µL
- Reagent pack to avoid pollution
- On-line instructions provided for self problem-solving
- Protection function when powered-off suddenly
- Setting any time to power-off the equipment, to save reagent when free
- Randomly choose any combination of pH, K, Na, Cl, Ca, TCO₂, li, Ag channels.

Main characters:

| | |
|----------------|---|
| Flow Path | Fluid Moving system |
| Reagent pack | Calibration solution in a single reagent pack |
| Calibration | Automatic or On-demand |
| Memory Storage | Up to 1000 patient result, extended to be over 20000 results |
| Analyzing Time | 25 seconds after aspiration |
| Sample Volume | 60~300µL whole blood or serum |
| Input | Touch screen(with operation menu) |
| Output | Internal thermal-printer ; RS232 |
| Auto sampler | - 35 samples volume (for optional function) - 39x31.5x36cm, N.W: 6.5kg |
| Waste Storage | Closed Pack System |
| Reagent Pack | Closed Reagent System |
| Dimensions | 42x37x56 cm |
| Net weight | 16 kg |

ELA-5100, Electrolyte Analyzer



Sample type: Plasma, Serum, Blood, Urine

Test range and accuracy:

| Channel | Range | Resolution | CV% |
|------------------|---------------------|------------|-------|
| pH | 6.00 ~ 9.00 | 0.01 | < 1.0 |
| K ⁺ | 0.50 ~ 10.00 mmol/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 |
| Ca ⁺⁺ | 0.3 ~ 5.0 mmol/L | 0.01 | < 1.5 |
| Li ⁺ | 0.1 ~ 3.0 mmol/L | 0.01 | < 1.5 |

Working environment:

| | |
|---------------------|-----------------------|
| Ambient Temperature | 5°C ~ 40°C |
| Relative Humidity | ≤ 85% |
| Sun Radiation | Avoid direct sunshine |
| Power Supply | AC100-240V(50/60HZ) |

Features:

- Self-made maintenance free electrodes
- Sleep mode to save reagent
- Rapid test speed. 30 seconds/test
- Min-volume sample consumption: 65µL
- Reagent pack to avoid pollution
- On-line instructions provided for self problem-solving
- High efficient cleaning procedures, best for fatty samples
- High, middle and low QC values provided to adjust linearity
- Randomly choose any combination of pH, K, Na, Cl, Ca, Li channels
- Automatic one point & two points calibration with additional manual calibration.

Main characters:

| | |
|----------------|---|
| Flow Path | Fluid Moving system |
| Reagent pack | Calibration solution in a single reagent pack |
| Calibration | Automatic or On-demand |
| Memory Storage | Up to 1500 patient result, 199 normal QC, 199 Abnormal QC |
| Analyzing Time | 30 seconds after aspiration |
| Sample Volume | Minimum 65µL whole blood or serum |
| Display | Wide LCD (240x128) |
| Input | Keypad (16 alphabet Numeric display, YES or NO) |
| Output | Internal thermal-printer ; RS232 |
| Waste Storage | Closed Pack System |
| Reagent Pack | Closed Reagent System |
| Dimensions | 30x26x36 cm |
| Net weight | 7.5 kg |