

# ELECTROLYTE ANALYZER

## BSE SERIES

### Features

Compact, cost-efficient and easy - to- use  
Excellent precision and reliability Long life, high performance, maintenance -free electrodes  
Automatic sampling, washing and calibration  
Touch screen ,large LCD display Internal thermal recorder, supporting barcode reader  
Auto sampler optional

### Available Models

ISO 13485:2003 (04714Q10000273)

ISO 9001:2008 (04714Q10257R3M)

### Specifications

|                       |   |                                                     |
|-----------------------|---|-----------------------------------------------------|
| Principle             | : | Direct measurement by Ion Selective Electrode (ISE) |
| Sample                | : | Whole blood, serum, plasma, diluted urine           |
| Sample volume         | : | 100~150 $\mu$ L                                     |
| Throughput            | : | up to 60 samples/h                                  |
| Data storage          | : | up to 200 patient result                            |
| Calibration           | : | Automatic or On-demand                              |
| Input                 | : | Touch-screen                                        |
| Display               | : | Large LCD with backlight                            |
| Output                | : | Internal thermal recorder, RS-232 serial port       |
| Working Environment   | : | Temperature: 15 $^{\circ}$ C~32 $^{\circ}$ C        |
| Relative humidity     | : | 85%                                                 |
| Input voltage         | : | AC 220V/110V $\pm$ 10%, 50/60Hz                     |
| Power consumption     | : | 60W                                                 |
| Dimensions            | : | 440mm 380mm 350mm (H W D)                           |
| Weight Main unit      | : | 10kg                                                |
| Auto sampler (option) | : | 1.5kg                                               |

### Measuring range Reproducibility(CV%)

|                  |                   |             |
|------------------|-------------------|-------------|
| K+               | 0.50~15.00 mmol/L | $\leq$ 1.5% |
| Na+              | 30.0~200.0 mmol/L | $\leq$ 1.0% |
| Cl-              | 30.0~200.0 mmol/L | $\leq$ 1.5% |
| Ca <sup>2+</sup> | 0.10~5.00 mmol/L  | $\leq$ 2.0% |



**Reagents Pack Size**  
**BSE3000: 1000ml**



**Reagents Pack Size**  
**BSE4000: 1350ml**