

IONS
REFLECT



IONS SERIES

- Electrolyte Analyser





Features

- Compact, economical and easy-to-use
- Excellent precision and reliability
- Long life, high performance, maintenance-free electrodes
- Automatic sampling, priming, rinsing and calibration
- Touch-screen, large LCD display
- Internal Thermal Printer
- Auto sampler optional
- Standby mode
- Visual Alarms for Reagent inventory management

Specifications

Principle	Direct measurement by Ion selective Electrode (ISE)
Sample	whole blood, serum, plasma, diluted urine
Sample volume	150 ul
Throughput	up to 60 samples/h
Data storage	up to 500 patient results
Calibration	Automatic or On-demand
Input	Touch-screen
Display	Large LCD with backlight
Output	Internal thermal recorder, RS-232 serial port
Ambient conditions	Temperature : 100C~300C Relative humidity : 20%~85% non-condensing environment
Input voltage	AC 220V/110V + 10%, 50/60Hz
Power consumption	60W
Dimension	440mmx380mmx350mm (H x W x D)
Weight	Main unit - 10 kg Auto sampler (option) - 1.5 kg

Specifications

	Measuring range	Reproducibility (CV%)
K ⁺	0.50~15.00 mmol/L	<1.0%
Na ⁺	30.0~200.0 mmol/L	<1.0%
Cl ⁺	30.0~200.0 mmol/L	<1.0%
Ca ²⁺	0.10~5.00 mmol/L	<2.0%
pH	7.00~9.00 (unit)	<1.0%
Li ⁺	0.30~3.00 mmol/L	<3.0%



Simple and reliable design of fluid tubing system and electrodes, minimize the maintenance work



Automatic sampling and probe washing, Minimize the carry-over



Touch screen, user friendly software, easy to operate

Options

iONS F	K ⁺ / Na ⁺ / Cl ⁻
iONS A	K ⁺ / Na ⁺
iONS B	K ⁺ / Na ⁺ / Cl ⁻ / HCO ₃ ⁻ / AG
iONS C	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH
iONS D	K ⁺ / Na ⁺ / Cl ⁻ / Ca ²⁺ / pH / HCO ₃ ⁻ / AG
iONS E	K ⁺ / Na ⁺ / Cl ⁻ / Li ⁺