



**High quality electrodes
Fast, Accurate and Economical**

ADVANCED ION-SELECTIVE ELECTRODE (ISE) TECHNOLOGY

UDILECT- 5

Electrolyte Analyzer



**Measurement of
K⁺/Na⁺/Cl⁻/Ca⁺⁺ & pH**



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UNITED DIAGNOSTICS INDUSTRY

Specifications

Analysis Method: ion selective electrode (ISE)

Parameters: K, Na, Cl, iCa, nCa, tCa, pH, AG

Test Speed: 50 seconds/ sample

Sample: Whole blood serum, plasma, cerebrospinal fluid and diluted urine

Sample Volume: 120 µl to 250 µl

Calibration: Self – calibrating

Storage: 5000 test results (can be extended to more than 10000)

Printer: Built in printer

Ambient: work temperature: 5–40 °C
relative humidity: ≤ 80 % RH

Power: 220 V ± 10V, 50Hz, can transfer to 110V, 50-60Hz

Interface: Serial port (RS232)

Dimension: 390mm X 216mm X 420mm

Weight: 14kg

UDILECT-5

Electrolyte Analyzer



Range and Precision

Parameter	Range of Measurement	Resolution	Precision (CV%)
K ⁺	0.5~10.0 mmol/L	0.01mmol/L	≤ 1.5 %
Na ⁺	15~240 mmol/L	0.1mmol/L	≤ 1.5 %
Cl ⁻	5~240 mmol/L	0.1mmol/L	≤ 1.5 %
Ca ⁺⁺	0.1~4.0 mmol/L	0.01mmol/L	≤ 2.5 %
PH	4~9 pH	0.01 pH	≤ 3.0 %

Features

- ↪ High-accurate and long life electrode
- ↪ Individual reagent, cost effective
- ↪ Simple YES/NO prompted operation
- ↪ Auto-prompting and eliminating malfunction
- ↪ Power failure protection to avoid date losing

Ordering Information

UDILECT-5 ELECTROLYTE ANALYZER - CAT # EQ-EA-010

A – REAGENTS:			B – ACCESSORIES:	
CAT #	ITEM	VOL.	CAT #	ITEM
FP-LC-0010	Standard solution A	1x350 ML	EQ-CN-0900	K ⁺ electrode
FP-LC-0020	Standard solution B	1x350 ML	EQ-CN-0910	Na ⁺ electrode
FP-LC-0030	Internal filling solution	1x3 ML	EQ-CN-0920	Cl ⁻ electrode
FP-LC-0040	Reference solution	1x10 ML	EQ-CN-0930	Ca ⁺⁺ electrode
FP-LC-0050	Cleaning solution	1x110 ML	EQ-CN-0940	PH electrode
FP-LC-0060	Active solution	1x110 ML	EQ-CN-0950	Reference electrode
FP-LC-0070	QC solution	1x110 ML	EQ-CN-0960	Sample probe
FP-LC-0080	Protein-removing solution with enzyme	1x110 ML	EQ-CN-0970	Pump tube
			MS-OS-2530	Thermal printer paper

United Diagnostics Industry

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Certified to ISO 9001:2008

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