

ELECTROLYTE ANALYZER

ProMax 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

Measuring range Reproducibility(CV%)

K+	0.50~15.00 mmol/L	≤ 1.5%
Na+	30.0~200.0 mmol/L	≤ 1.0%
Cl-	30.0~200.0 mmol/L	≤ 1.5%
Ca ²⁺	0.10~5.00 mmol/L	≤ 2.0%
Li+	0.20~3.00 mmol/L	≤ 3.0%
pH	4.00~9.00unit	≤ 1.0%

Specifications

Principle	: Direct measurement by Ion Selective Electrode (ISE)
Sample	: Whole blood, serum, plasma, diluted urine
Sample volume	: 100~ 150μL
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° C~32° C
Relative humidity	: 85%
Input voltage :	AC 220V/110V ± 10%, 50/60Hz
Power consumption	: 60W
Dimensions	: 440mm 380mm 350mm (H W D)
Weight Main unit	: 9kg
Auto sampler (option)	: 1.5kg

Available Models

ProMax-4000	K+ / Na+ / Cl
ProMax-5000	K+ / Na+ / Cl /Ca ²⁺ / pH
ProMax-6000	K+ / Na+ / Cl /Ca ²⁺ / pH / CO ₂

Technical Parameter

Item	Linearity (mmol/L)	Slope	Lifespn
K+	0.01-99.00	58.0	24 months
Na+	1.0-999.0	58.0	24 months
Cl	1.0-999.0	56.0	24 months
Ca ²⁺	0.01-9.9	28.0	24 months
Li+	0.01-9.9	56.0	24 months
PH	3.50-10.08	58.0	24 months



Protzyer Medical System
www.protzyermedicalsystem.com

ISO 13485:2003 (04714Q10000273)
 ISO 9001:2008 (04714Q10257R3M)