

CE

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300

Electrolyte Analyzer



Genru

GE 300

Electrolyte Analyzer



General Features

Throughput: 60 samples/hour
 Principle: ISE (Ion Selective Electrode)
 5.6-inch color touch screen
 Auto sampling, washing, calibration
 Maintenance-free electrodes, 12 months lifespan
 Simple tubing system, easy maintenance
 CE marked

Technical Specifications

Sample type: Serum, etc.
 Sample volume: 100-200 μ L
 Reagent consumption: 2 times sample volume
 Calibration: Automatic or On-demand
 Closed reagent, real time monitoring reagent
 Printer: Internal thermal printer
 Display: LCD
 Multiple language: English, Russian, etc.
 Storage: Up to 50,000 results
 Interface: RS-232, support LIS
 Working temperature: 15-30 $^{\circ}$ C
 Humidity: 20%-80%
 Dimension: 430 \times 275 \times 410mm
 Power: AC100~240V, 50/60 Hz, 80W
 Net weight :8 kg

Reagent

DS- I (NO.3) Standard A Standard B (390/160 mL)
 Cleaning Solution (250 mL)
 PVC Electrode Activating Solution (50 mL)
 DS- Ref Ref. Filling Solution (10 mL)
 DS- ISE Filling Solution (10 mL)
 Deprotein Solution
 (R1: Diluent 18mL/bottle \times 1; R2: Protease powder 100mg/bottle \times 6)



Parameters

K⁺, Na⁺
 K⁺, Na⁺, Cl⁻
 K⁺, Na⁺, Cl⁻, iCa²⁺, TCa, pH
 K⁺, Na⁺, Cl⁻, iCa²⁺
 K⁺, Na⁺, Cl⁻, Li⁺
 K⁺, Na⁺, Cl⁻, iCa²⁺, pH, TCa, TCO₂, AG, KT

Performance

Ion	Linearity (mmol/L)	CV
K ⁺	0.3-20.0	≤ 1.0%
Na ⁺	20.0-200.0	≤ 1.0%
Cl ⁻	20.0-200.0	≤ 1.0%
iCa ²⁺	0.1-6.0	≤ 1.5%
pH	3.0-11.0	≤ 0.5%
Li ⁺	0.2-5.0	≤ 1.5%