

# 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, CSF, etc.  
 Sample volume: 100-200µL  
 Calibration: Automatic or On-demand  
 Closed system, real time monitoring reagent volume  
 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°C  
 Humidity: 20%-80%  
 Dimension: 430×275×410mm  
 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)  
 QC for 3 levels (10ml×3)  
 Deprotein Solution  
 (R1: Diluent 18mL/bottle×1; R2: Protease powder 100mg/bottle×6)



## Parameters

K<sup>+</sup>, Na<sup>+</sup>  
 K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>  
 K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, iCa<sup>2+</sup>, TCa, pH  
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 K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, Li<sup>+</sup>  
 K<sup>+</sup>, Na<sup>+</sup>, Cl<sup>-</sup>, iCa<sup>2+</sup>, pH, TCa, CO<sub>2</sub>, AG, KT

## Performance

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

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Version 2.1



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Electrolyte Analyzer



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