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QUALITY AND MORE

# GE 300

Electrolyte Analyzer



# GE300

## Electrolyte Analyzer



### Features

- ISE(Ion Selectivity Electrode).
- Automatic reagent replacement warning.
- Easy assemble and disassemble.
- Simple and reliable design of fluid tubing system and electrodes, minimize the maintenance work.
- Low reagent consumption.
- Maintenance -free electrodes.

### Technical Specification

Technology	ISE(Ion Selectivity Electrode), Measurement of Tco <sub>2</sub> by pressure method.
Sample	Serum/Plasma/Whole Blood/Urine/CSF
Sample Volume	100μl~200μl
Throughput	60 samples/hour
Calibration	Automatic or On-demand
Printer	Inner Thermal Printer
Display	320*240 Touch screen
Storage	Up to 50000 tests
Interface	RS-232
Working Conditions	Temperature:15-30°C
Humidity	20%-80%
Power Requirement	110~240AV±10%,50/60 Hz,80W
Net weight	8Kg



Model	Test items
GE300	K <sup>+</sup> , Na <sup>+</sup>
GE300	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup>
GE300	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , iCa <sup>2+</sup> , TCa, pH
GE300	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , iCa <sup>2+</sup>
GE300	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , Li <sup>+</sup>
GE300	K <sup>+</sup> , Na <sup>+</sup> , Cl <sup>-</sup> , iCa <sup>2+</sup> , pH, TCO <sub>2</sub> , TCa, AG, KT

### Reagent

DS-I (NO.3) 1/480mL A / B  
DS-III (NO.3) 1/480mL A / B / C



Professional integration /  
320\*240 Inch Touch Screen



### Measure Precision

Item	Linearity(mmol/L)	Slope	Lifespan
K <sup>+</sup>	0.30 ~ 20.00	25 ~ 75	12 months
Na <sup>+</sup>	20.0 ~ 200.0	25 ~ 75	12 months
Cl <sup>-</sup>	20.0 ~ 200.0	25 ~ 75	12 months
Ca <sup>2+</sup>	0.10 ~ 0.60	15 ~ 40	12 months
Li <sup>+</sup>	0.20 ~ 5.00	10 ~ 45	12 months
pH	3.00 ~ 11.00	25 ~ 100	12 months
Ref	/	/	24 months