

Panstar Instrument

FT-320

Electrolyte Analyzer



- Type 1 K/Na/Cl/Ca/pH
- Type 2 K/Na/Cl
- Type 3 K/Na/Cl/Li

ISO9001 & ISO13485

Nanjing Panstar Electronic Instrument Co.,Ltd

FT-320 Electrolyte Analyzer

Features

- High-quality ISE measurement system, samples are directly measured, the sensor is completely maintenance-free, and the life span is more than 1 year.
- One sampling, getting the result of K⁺、Na⁺、Cl⁻、Ca²⁺、Li⁺、pH within 40 seconds.
- Applying new microprocessor system, all operation procedures including calibration, sample testing, monitoring of sample sensor status are controlled by software.
- Large LCD and 4 buttons for easier operation.
- Strong capacity of monitoring and calibration electrode working status to ensure the reliability of the testing results at any time.
- All Fluidic system with electromagnetic (solenoid) valve, washing the sample channels automatically to reduce clog and carryover into low level.
- Advanced optical sample detector to ensure excellent accuracy.
- Complete QC function, calculate and store the control data of 3 groups in recent 31 days and calibrate the analyzer with any 2 groups of the control data.
- Strong data management system to store samples and QC results, power-down protection and refresh new record automatically. Capable of connecting with any LIS/HIS system.
- Intelligent reagent management technology with RFID identification.

Specification

Measure Principle: Ion Selective Electrode (ISE)

Measure Method: Direct measurement

Sampling Mode: Manually sampling

Calibration: Fully automatic two-point calibration

Measure Performance

Item	Measure Range	Resolution	CV Value
K ⁺	0.50~15.00mmol/L	0.01mmol/L	1.0%
Na ⁺	30.0~200.0mmol/L	0.1mmol/L	1.0%
Cl ⁻	30.0~200.0mmol/L	0.1mmol/L	1.0%
Ca ²⁺	0.10~5.00mmol/L	0.01mmol/L	1.0%
Li ⁺	0.10~4.00mmol/L	0.01mmol/L	1.0%
pH	4.00~9.00	0.01	1.0%

Testing Sample: Serum, Plasma, Whole Blood, Diluted Urine

Minimum sample size: 60μL

Analysis Speed: ≤40s/Test

Operation mode: Chinese/English menu operation

Program function: built-in real clock, parameter setting, maintenance, quality control, fault diagnosis and other functions

Display: 240 x 64 Graphic LCD

Printer: built-in thermal printer

Data Storage: samples and quality control test results

Communication interface: RS-232C serial interface

Working Temperature: 5~40°C ,relative humidity 80%

Power Supply: 88VAC~264VAC,47Hz~63Hz,45VA

Dimension(H×W×D)&Weight: 32cm×26cm×21cm,7kg

We reserve the right to modify the specifications without prior notice.2022.10



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