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^-、 Ca^{2+}、 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℃ ,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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