

*Panstar Instrument*

**FT-330**

**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-330 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<sup>+</sup>、Na<sup>+</sup>、Cl<sup>-</sup>、Ca<sup>2+</sup> (Li<sup>+</sup>)、pH within 40 seconds.
- Automatic calibration and automatic tracking of electrode status ensure the reliability of test results at any time.
- It adopts 5.7-inch high-definition LCD, resistance touch screen and man-machine interactive operation interface.
- All Fluidic system with solenoid valve, washing the sample channels automatically to reduce clog and carryover into low level.
- Advanced optical sample detector is adopted to adapt to different types of samples.
- The instrument has perfect QC procedures. Three QC groups can be set to test and count QC samples, and any two QC groups can be used to calibrate the instrument.
- It has a complete data management system, which can store more than 300 sample test results, and can be connected to any type of LIS / HIS system.
- The fully enclosed integrated reagent package with intelligent identification function reduces the risk of biological pollution and has the function of residual reagent monitoring.



## 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 <sup>+</sup>	0.50~15.00mmol/L	0.01mmol/L	1.0%
Na <sup>+</sup>	30.0~200.0mmol/L	0.1mmol/L	1.0%
Cl <sup>-</sup>	30.0~200.0mmol/L	0.1mmol/L	1.0%
Ca <sup>2+</sup>	0.10~5.00mmol/L	0.01mmol/L	1.0%
Li <sup>+</sup>	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 and touch screen touch operation

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

Display: 320 x 240 Graphic LCD

Printer: built-in thermal printer

Data Storage: More than 300 sample test results

Communication interface: RS-232C data interface × 1. Barcode scanner interface × 1

Working Temperature: 10~30℃ ,relative humidity≤85%

Power Supply: 88VAC~264VAC,47Hz~63Hz,50VA

Dimension(H×W×D)&Weight: 32cm×28cm×24cm, Approximately 8kg

We reserve the right to modify the specifications without prior notice.2021.10

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