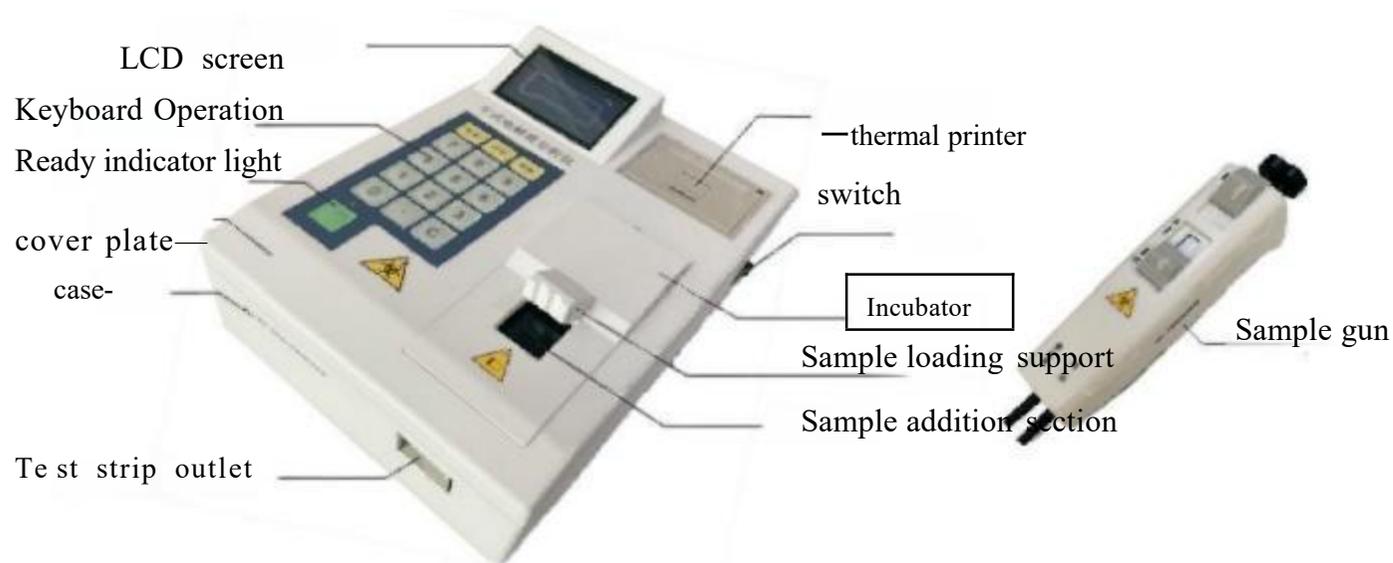


干式电解质分析仪

AST-Dry Electrolyte Analyzer



Dry electrolyte analyzer

- ◆ Fast: Dry chemistry method, each test takes just over one minute.
- ◆ Maintenance-free: The instrument has no liquid path and can be turned on and off at any time; no dedicated maintenance is required.
- ◆ Simple operation: Only one sample addition is needed to complete the testing of three items.
- ◆ Stable and reliable performance: The uniquely designed constant temperature incubator can accurately measure the concentration of K⁺, Na⁺, and Cl⁻ in blood.
- ◆ No portable contamination: Dry chemistry method uses disposable reagent strips.
- ◆ Lightweight and portable: The instrument measures 295×215X120mm and weighs only 2.2kg.

I. Detection Performance

parameter	Accuracy (deviation)	Precision (CV)	linear			Stability (R)
			Range (mmol/L)	Bias	Correlation coefficient (r)	
K+	No more than $\pm 3\%$	$\leq 1.5\%$	1.5~7.5	$\leq 3.0\%$	≥ 0.995	$\leq 2.0\%$
Na+	No more than $\pm 3\%$	$\leq 1.5\%$	100.0~180.0	$\leq 3.0\%$	≥ 0.995	$\leq 2.0\%$
Cl-	No more than $\pm 3\%$	$\leq 1.5\%$	80.0~160.0	$\leq 3.0\%$	≥ 0.995	$\leq 2.0\%$

II. Instrument Parameters

Specimen Type	serum, plasma	Output Interface	RS232
Specimen Quantity	50 μ L	Power Requirements	AC 220V \pm 22V 50Hz \pm 1Hz
Test Items	K+, Na+, Cl Three simultaneous measurements	Rated Power	50VA
Display Interface	LCD Chinese display	Instrument Weight	2.2kg
Printer	Built-in thermal printer	Operating Environment	15 $^{\circ}$ C~30 $^{\circ}$ C

III. Application Scenarios



用于门急诊、住院各类疾病和危重患者的体液电解质检测评估。



中毒、昏迷、抽搐等，急诊患者电解质监测。



重症患者电解质监测。



手术麻醉期间(术前、术中、术后)电解质检测。



腹泻、呕吐、心衰竭等疾病患者电解质监测。



电解质监测

