

BLOOD COAGULATION ANALYZER

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DS-CA02/DS-CA04

Product Overview

The blood coagulation analyzer adopts the principle of optical colorimetry for detection. After the reagent is mixed with the plasma, fibrinogen is converted into fibrin and coagulated, which leads to the change of the optical density of the test specimen, and the instrument detects the coagulation end point.

Application:

1. It is suitable for the detection of prothrombin time (PT), activated partial thromboplastin time (APTT), thrombin time (TT) and fibrinogen (FIB) in plasma.
2. Widely used in blood laboratory, biochemical laboratory, hospital blood laboratory and so on.

Feature

1. Dual-channel independent detection, can analyze different items at the same time.
2. 5-inch high-definition touch screen, easy to operate.
3. Open system, good compatibility. Supports reagents of various specifications.
4. 200,000 results storage.
5. Equipped with multiple pre-temperature positions to improve detection efficiency.
6. Built-in thermal printer.
7. The pipette automatically triggers the measurement, and the measurement time can be accurate to tenths of a second.
8. Less reagent consumption.

Specification

Model	DS-CA02	DS-CA04
Test Principle	Optical colorimetry	
Test Items	PT. APTT. TT. FIB	
Test Channel	2 (can test different projects at the same time)	4 (can test different projects at the same time)
Wavelength	470nm	
Detection Time	Normal sample detection time is 20 to 40 seconds, and can be set arbitrarily from 20 to 99 seconds	
Sample Incubation Position	12	24
Reagent Incubation Position	5	6
Detection Position Temperature	37.0±1.0°C	
Incubation Position Temperature	37.0±1.0°C	
Incubation Time	1~999s	
Reaction Time	1~99s	
Reagent Dosage	Minimum dosage 20ul	
Sample Volume	20ul~40pl	
Display	7-inch high-definition color touch screen	
Storage	200,000 results storage, automatically save measurement data when power off	
Communication Interface	RS232 serial interface, support LIS system	
Printer	Built-in thermal printe	
Power Supply	AC100~240V, 50/60Hz	
Consumption	70VA	
Ambient Temperature	10°C~30°C	
Relative Humidity	≤80%	
Atmospheric Pressure	86kPa~106kPa	
External Size (W* D*H)	360*210*120mm	390*250*135mm
Net Weight	3.5kg	4.96kg
Package Size (W* D*H)	376*246*316mm	445*305*265mm
Gross Weight	5kg	7kg