



Blood Coagulation Analyzer



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DarsunScientific

The image shows a Darsun Scientific Blood Coagulation Analyzer, model DS-CA02/DS-CA04. It is a white, compact laboratory instrument with a 5-inch high-definition touch screen on the front. The screen displays a menu with four icons. To the right of the screen is a sample well and a pipette. The Darsun Scientific logo is visible on the front panel. The background is a blue gradient with the product name and model number in white text.

Darsun Scientific

Blood Coagulation Analyzer

DS-CA02/DS-CA04

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.

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

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, 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 ~ 999s		
Reagent Dosage	Minimum dosage 20μl		
Sample Volume	20μl ~ 40μl		
Display	5-inch high-definition color touchscreen		
Storage	20,000 results storage, auto-save on power off		
Communication Interface	RS232 serial interface, supports LIS system		
Printer	Built-in thermal printer		
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 × 120 mm		390 × 250 × 135 mm
Net Weight	3.5 kg		4.96 kg
Package Size (W×D×H)	376 × 246 × 316 mm		445 × 305 × 265 mm
Gross Weight	5 kg		7 kg