

Blood Coagulation Analyzer BK-CA02



Introduction:

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:

It is suitable for the detection of prothrombin time (PT), activated partial thromboplastin time (APTT), thrombin time (TT) and fibrinogen (FIB) in plasma.

Widely used in blood laboratory, biochemical laboratory, hospital blood laboratory and so on.

Features:

- 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. 20,000 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.

Parameters:

Model	BK-CA02
Test Principle	Optical Colorimetry
Test Items	PT, APTT, TT, FIB
Test Channel	2 (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
Reagent Incubation Position	5
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 20µl
Sample Volume	20µl~40µl
Display	5-inch high-definition color touch screen
Storage	20,000 results storage, automatically save measurement data when power off
Display	7-inch color LCD touch screen
Communication Interface	RS232 serial interface, support 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*120mm
Net Weight	3.5kg
Package Size (W* D*H)	376*246*316mm
Gross Weight	5Kg