

Fluorescence Immunoassay Analyzer BKP1000

Introduction:

BKP1000 adopts the leading flow system design and whole machine topology design, which is highly intensive. It is one of the current "mini" fluorescence immunoassay analyzers, which is very suitable for actual needs.

BKP1000 is small in size, excellent in performance, and many performance indicators are ahead of the industry level, providing the best solution for primary clinical.



Application:

It is suitable for clinical diagnosis of disease control medical treatment, health examination centers, scientific research institutions and laboratories, food hygiene and safety testing, blood product companies, central blood stations, etc.

Features:

- ① The instrument is compact, easy to carry, can be connected to the code scanner, and can be connected to the LIS/HIS system.
- ② The test results are automatically printed, and an external printer can also be connected through a computer.
- ③ Sample types: Serum, plasma, whole blood and urine.
- ④ Sample instant test can be performed at any time, with random sample insertion function.
- ⑤ Supports multiple items in one card, and the detection time can reach 8 seconds/Test.
- ⑥ Appearance design integration, 7-inch color touch screen.
- ⑦ It can provide two operation modes of instant test and standard test.

Parameters:

Model	BKP1000
Excitation Light Source	LED
Wavelength	Excitation wavelength $\lambda_0=365\text{nm}$; Detection wavelength $\lambda_1=615\text{nm}$
Detection Channel	1
Sample Type	Serum, plasma, whole blood and urine, etc.
Detection Mode	Supports multiple items in one card
Testing Speed	<10s/test
Repeatability	CV \leq 5%
Stability	$\sigma\leq\pm 8\%$
Linear Correlation	(r) \geq 0.98
Accuracy	$\Delta n\leq\pm 8\%$
Display	7-inch color touch screen
Language	Chinese, English, Other languages can be customized
Interface	RS232, USB, Ethernet port
Printer	Built-in thermal printer
Power Supply	100~240V 50/60Hz
External Size(L*W*H) mm	215*310*158
Net Weight (kg)	3
Package Size(L*W*H) mm	400*280*210
Gross Weight (kg)	5

Fluorescence Immunoassay Analyzer BKP2000



Introduction:

BKP2000 multi-channel dry fluorescence immunoassay analyzer, 12 independent incubation channels, automatic induction of reagent card insertion, automatic printing of test results, and automatic card loss. The 10.1-inch LCD screen has a better visual experience.

It is mainly composed of an optical detection module (fluorescence), a scanning module, a data processing module, a liquid crystal display module, an incubation module, an information acquisition module (ID card reader), a power supply, and a printer.

Application:

It is suitable for in vitro diagnostic tests in central laboratories, outpatient/emergency laboratories, clinical departments, physical examination centers and scientific research laboratories of medical institutions.

Features:

- ① 12 independent constant temperature incubation channels, which can detect 12 different items at the same time
- ② Automatic induction of reagent card insertion, automatic printing of test results, and automatic card loss.
- ③ Built-in thermal printer, can also be connected to an external printer.
- ④ 10.1-inch large LCD screen with a resolution of 800*480 or more, the visual experience is better.
- ⑤ The temperature range can be manually set to quickly achieve the predetermined temperature effect and improve the reaction rate.
- ⑥ The operation is convenient, the data is automatically read, and the single detection time is less than 10s.

Parameters:

Model	BKP2000
Excitation Light Source	LED
Wavelength	Excitation wavelength $\lambda_0=365\text{nm}$; Detection wavelength $\lambda_1=615\text{nm}$
Detection Channel	1
Incubation Position	12
Sample Type	Serum, plasma, whole blood and urine, etc.
Detection Mode	Supports multiple items in one card
Testing Speed	<10s/test
Repeatability	CV \leq 5%
Stability	$\sigma\leq\pm 8\%$
Linear Correlation	(r) \geq 0.98
Accuracy	$\Delta n\leq\pm 8\%$
Display	10.1-inch color touch screen
Language	Chinese, English, Other languages can be customized
Interface	RS232, USB, Ethernet port
Printer	Built-in thermal printer
Power Supply	100~240V 50/60Hz
External Size(L*W*H) mm	336*410*400
Net Weight (kg)	17
Package Size(L*W*H) mm	530*515*565
Gross Weight (kg)	30