Fluorescence Immunoassay Analyzer

India Office

16 S/F B/S, T-Block Extn.
Jain Colony Part-2 Uttam Nagar,
New Delhi-110059
info@darsunscientific.in
(+91) 9999136670, 7835864003

USA Headquarters

30 N Gould St, Ste R
Sheridan, Wyoming 82801
United States

DarsunScientific

Darsun Scientific

Fluorescence Immunoassay Analyzer

DSP1000

Introduction:

DSP1000 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.

DSP1000 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.

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.
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.

Model	DSP1000
Excitation Light Source	LED
Wavelength	Excitation wavelength $\lambda 0=365nm$ Detection wavelength $\lambda 1=615nm$
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≤5%
Stability	σ≤±8%
Linear Correlation	(r)≥0.98
Accuracy	Δn≤±8%
Display	7-inch color touch screen
Language	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	228*312*158
Net Weight(kg)	3
Package Size(L*W*H)mm	455*325*245
Gross Weight(kg)	4.5