

# DRY FLUOROIMMUNOASSAY DEVICE

IVD DEVICE





**RRP**  
**£1,998**

## Key benefits

- Touch screen.
- Flu or COVID result.
- Up to 69 different tests.
- Purchase or rentals available.
- Intelligent QR code management.
- LIMS compatible data connectivity.
- Results in 15-30 minutes no need to send to a lab.
- Ultra-high Sensitivity and excellent precision.

## Overview

- The instrument represents advanced technologies of the same type and can test relevant parameters of the human body conveniently, accurately and quickly when used cooperatively with fluoroimmunoassay reagent strips.
- KD-120P Dry Fluoroimmunoassay Analyzer uses a LED as the excitation light source. The light from the LED hits a test device that has been inserted into the meter. This causes the fluorescence dye in the test device to give off energy. The more energy the fluorescent dye gives off, the stronger the signal.
- After a buffer-mixed sample is added to the test device, the test device is inserted into the KD-120P Dry Fluoroimmunoassay Analyzer.

## Specifications

Item	Parameter
Excitation light source	LED
Wavelength	365nm
Sample type	Whole blood, serum, plasma, urine and faeces (subject to specification of immunofluorescence assay kit)
Test speed	240 times/hour
Power source	A.C.100V-240V 50Hz/60Hz Host: DC12V 5A
Input power	60 VA
Background number	Fluorescence value should be $\leq 5$
Repeatability	The variable coefficient of fluorescence value of fluorescence test cards of different intensities repeatedly measured by the instrument $CV \leq 2.0\%$
Stability	The relative deviation between the 4th hour and the 8th hour after the instrument is working stable, and the test result when the device just works stably is limited to $\pm 3.0\%$ .
Accuracy	When the instrument tests the calibrated fluorescence test card, the deviation between the measured fluorescence value and the calibration value of the fluorescence test card is $\pm 3.0\%$ .
Measuring time	The time from inserting the fluorescence test card to displaying the test result should not exceed 15s.
Linearity range	The linearly dependent coefficient of the fluorescence value and concentration read by the instrument $r \geq 0.990$

# Test List

Thyroid Hormone	TSH
	TT3
	TT4
	FT3
	FT4
Renal injury	CysC
	NGAL
	MAU
	RBP-4
	$\beta$ -MG
Cardiac	cTnl
	NT-proBNP
	D-Dimer
	Lp-PLA2
Inflammation	CRP/hs-CRP
	SAA
	CRP+SAA
	IL-6
Diabetes	Insulin
	C-peptide

Hormones	$\beta$ -HCG
	AMH
	LH
	SHBG
	FSH
	PRL
	Progesterone
Nutritional metabolism	Testosterone
	Oestradiol
	Vitamin D
Tumour markers	Vitamin B12
	FERR
	AFP
	CEA
	NSE
	CA-125
	CA15-3
	$\beta$ -HCG
	HE4
CA19-9	

\*Some tests are part of Medicines Online research program. Please provide feedback.



