



## ichroma™ II

### Advanced compact immuno-analyzer

- ▶ QC & system check
- ▶ Multi-timer function
- ▶ Battery & AC operated
- ▶ LIS / HIS connectivity



ichroma™ II is an automatic or semiautomatic in-vitro diagnostic device that measures the concentration of analytes, contained in blood, urine, or other samples, in quantitative or semi-quantitative ways. Compared to the first-generation device, ichroma™, ichroma™ II has an improved user interface and display and an advanced optical system, which provide the user with disease test options in wide range.

In addition, ichroma™ II was designed to improve data input efficiency and wireless communication connectivity through separately sold accessories and program update can be easily proceeded using SD card. The use of batteries improves portability, which is one of the biggest advantages of point-of-care testing (POCT) equipment, and ensures reliable testing in unstable power environments.

### Specification

Item	Specification
Cat#	FPRR021
Dimensions	276 mm (L) x 220 mm (W) x 91 mm (H)
Weight	1.3 kg
Power supply	DC 12V/5A, AC/DC Adaptor, (AA battery) DC 1.5V X 4ea Input 100-240V ~ 50/60Hz, 1.8A, Output DC 12V/5A
Data output	LCD / Internal Printer / LAN
Operation temperature	15 ~ 35°C (59 ~ 95°F)
Memory	1,000 patient results 1,000 QC results 500 ID chips 100 User IDs
Interface	RS-232 1 Port USB 4 Ports LAN 1 Port SD Card Slot 1 Port
Display LCD	7" touch color LCD

# ichroma™ Parameters

Product class	Test items	Sample type	Working ranges	ichroma™	ichroma™ II
<b>Cardiac</b>	Tn-I	S/P	0.1-50.0 ng/mL	●	●
	Tn-I Plus	WB/S/P	0.01-15.00 ng/mL		●
	CK-MB	WB/S/P	3-100 ng/mL	●	●
	D-Dimer	WB/P	50-10,000 ng/mL	●	●
	NT-proBNP	WB/S/P	10-30,000 pg/mL		●
	Myoglobin	WB/S/P	5-500 ng/mL	●	●
	hsCRP	WB/S/P	0.1-10.0 mg/L	●	●
	Cardiac Triple	WB/S/P	Tn-I: 0.01-15.00 ng/mL CK-MB: 3-100 ng/mL Myoglobin: 5-500 ng/mL		●
<b>Cancer</b>	PSA	S/P	0.1-100.0 ng/mL	●	●
		WB	0.5-100.0 ng/mL	●	●
	PSA Plus	WB/S/P	0.07-50.00 ng/mL		●
	AFP	WB/S/P	5-350 ng/mL	●	●
	AFP Plus	WB/S/P	0.5-350.0 ng/mL		●
	CEA	S/P	1-500 ng/mL	●	●
	CEA Plus	WB/S/P	0.5-200.0 ng/mL		●
	iFOB	Feces	25-1,000 ng/mL	●	●
<b>Diabetes</b>	HbA1c	WB	(NGSP) 4-15 %	●	●
	Microalbumin	Urine	2-300 mg/L	●	●
	Cystatin C	S/P	0.1-7.5 mg/L	●	●
<b>Hormone</b>	TSH	S/P	0.1-100.0 µIU/mL	●	●
	TSH Plus	WB/S/P	0.1-50.0 µIU/mL		●
	T3	S/P	0.77-7.70 nmol/L	●	●
	T4	S/P	10.23-300.00 nmol/L	●	●
	FSH	S/P	1-100 mIU/mL	●	●
	FSH Plus	WB/S/P	0.1-110.0 mIU/mL		●
	Progesterone	S/P	4.45-127.20 nmol/L	●	●
	hCG	S/P	2-3,000 mIU/mL	●	●
	β-hCG	WB/S/P	5-50,000 mIU/mL	●	●
	β-hCG Plus	WB/S/P	2-5,000 mIU/mL		●
	LH	S/P	1-100 mIU/mL	●	●
	LH Plus	WB/S/P	0.1-100.0 mIU/mL		●
	PRL	S/P	1-100 ng/mL	●	●
	PRL Plus	WB/S/P	0.5-200 ng/mL		●
	Testosterone	S/P	1-10 ng/mL	●	●
Cortisol	WB/S/P	80-800 nmol/L	●	●	
<b>Infection</b>	CRP	WB/S/P	2.5-300.0 mg/L	●	●
	PCT	WB/S/P	0.1-100.0 ng/mL	●	●
	PCT Plus	WB/S/P	0.02-50.00 ng/mL		●
	ASO	S/P	25-800 IU/mL	●	●
	HBsAg	WB/S/P	0-300 COI		●
	Anti-HBs	WB/S/P	0-500 mIU/mL		●
	Anti-HCV	WB/S/P	0-300 COI		●
	ROTA	Feces	qualitative		●
	Rota/Adeno	Feces	qualitative		●
	NORO	Feces	qualitative		●
	Dengue NS1 Ag	WB/S/P	qualitative		●
	Dengue IgG/IgM	WB/S/P	qualitative		●
	Zika IgG/IgM	WB/S/P	qualitative		●
	HIV Ag/Ab	WB/S/P	qualitative		●
	Influenza A+B	Nasopharyngeal swap Nasal aspirates	qualitative		●
	Strep A	Nasopharyngeal swap Nasal aspirates	4 x 10 <sup>3</sup> cfu/test		●
	Influenza/RSV	Nasopharyngeal swap Nasal aspirates	qualitative		●
<b>Rheumatoid Arthritis</b>	RF IgM	WB/S/P	8-200 IU/mL	●	●
	Anti-CCP	WB/S/P	5-200 U/mL		●
<b>Others</b>	Ferritin	S/P	10-1,000 ng/mL	●	●
	Ferritin Plus	WB/S/P	1.5-1,000 ng/mL		●
	Vitamin D	S/P	8-70 ng/mL	●	●
	Calprotectin	Feces	10-1,000 mg/kg	●	●
	iFOB/Calp. Combo	Feces	iFOB: 25-1,000 ng/mL Calprotectin: 10-1,000 mg/kg		●
	H. pylori SA	Feces	qualitative	●	●