

SIMPLE PROCEDURE



▶ Load sample mixture on Cartridge



▶ Insert ID chip & Cartridge



▶ Touch Start button

SPECIFICATIONS

Principle	Immunofluorescence
Sample types	Whole Blood/Serum/Plasma/Urine/Feces/Throat Swab
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	7" Touchscreen color LCD
Motor	Stepper Linear Actuator (5V, 0.34A)
Communication ports	USB 4 ports, LAN port, USB OTG port
Temperature/ humidity range	Operation: 15 ~ 35 °C, Storage: 20 ~ 50°C, Humidity Max. 70%
Data output	LCD and Built-in Printer
Memory	Patient test results (1,000) / System check results (500) / QC test results (1,000) / User IDs (100)
Accessories	iChamber, Barcode Scanner, Printer Module
Peripherals (optional)	External Battery, WiFi Dongle, Bluetooth Dongle, Keyboard

CERTIFICATIONS



EC Certificate



NGSP Certificate for HbA1c



Certificate of CE

KIN Diagnostics

Mumbai: 533, Mastermind IV, Royal Palms, Aarey Colony, Goregaon(E), Mumbai - 400065. India.
Delhi: 186, Yashwan Grand Plaza, Sector-3, Rohini, Behind Kali Mata Mandir, Delhi - 110085. India.
Kolkata: 122/2, Panchanantala Road, Kolkata - 700041. India. Tel.: +91(33)24202080/24202626
Bangalore: 11, Brindavan Apt., R.T.Nagar Main Road, Opp.Victory Apts., Bangalore - 560032



sales@kindiagnostics.com | www.kindiagnostics.com

Swiftest introduces

Fully Portable Immunoassay System

iChroma II



Speed Meets Quality



RAPID



RELIABLE



CONVENIENT

PRODUCT HIGHLIGHTS

- **Fully Portable** (Battery and/or AC power), Light weight Reader
- High Throughput Patient Testing: **30 tests/hr**
- Widest Test Menu In a Single Device: **44 Parameters across 8 Therapeutic Test Profiles**
- Large Memory: **1000 Samples, 1000 QC & 100 ID**
- Convenient: **7" Colour Touch Screen, User-Friendly Interface**
- **Smart Calibration Chip:** No Reagent Wastage & Calibration Failure
- Internal **Quality Controls** available
- **LIS/HIS Compatible**
- Enhanced Data Management & Connectivity: **USB port/Ethernet/SD card slot**



Widest Test Menu In a Single Device

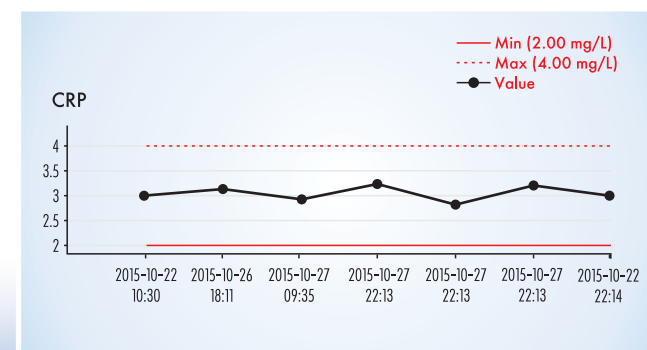
- **44 parameters** are offered for testing across profiles like Cancer, Cardiac, Diabetes, Infection, Hormones, Fertility, Rheumatoid Arthritis & others
- New parameters are added continually which are **compatible** with the iChroma II reader

Enhanced Data Management & Connectivity

- **Large memory** for storage of results, QC & patient ID
- **Authorized access** to set passwords, give access to users, block parameters, set control/system check schedule
- Data backup & **System upgrade** possible by SD card
- LAN, WiFi dongle, Bluetooth dongle, Keyboard & Barcode scanner can be connected via USB ports & Ethernet
- LIS/HIS communication possible

Stringent Quality Assurance Ensures Excellent Correlation with Laboratory Results

- iChroma II is one of the few portable POCT devices to incorporate **graphical QC monitoring**. This allows iChroma II conformity with a majority of lab QC standards.
- **Internal controls** are available for all parameters
- Set reminders / **auto schedules** for Control runs and System check runs
- **System-check** examines the optical reader to ensure its proper functioning.



ICHROMA II TEST PANELS

Shelf-Life: 20 months at 2-8 °C (Buffer) / 20 months at 4 -30 °C (Cartridge)

Profile	Test	Sample	Working Range	Incubation	Diseases
Cardiac	TnI	Serum/Plasma	0.10 - 50 ng/mL	12 mins	Myocardial Infarction
	hs TnI Plus	Whole blood/Serum/Plasma	0.01 - 15.00 ng/mL	12 mins	Myocardial Infarction
	CK-MB	Whole blood/Serum/Plasma	3 - 100 ng/mL	12 mins	Myocardial Infarction
	D-Dimer	Whole blood/Serum/Plasma	50 - 10,000 ng/mL	12 mins	Thrombosis
	NT-proBNP	Whole blood/Serum/Plasma	10 - 30,000 pg/mL	12 mins	Myocardial Infarction
	Myoglobin	Whole blood/Serum/Plasma	5 - 500 ng/mL	12 mins	Myocardial Infarction
	hs CRP	Whole blood/Serum/Plasma	0.1 - 10 mg/L	3 mins	Cardiovascular Inflammation
Cancer	Cardiac Triple Marker	Whole blood/Serum/Plasma	TnI: 0.01 - 15 ng/mL CK - MB: 3 - 100 ng/mL Myoglobin: 5 - 500 ng/mL	12 mins	Myocardial Infarction
	PSA	Whole blood/Serum/Plasma	0.1 - 100 ng/mL (for serum/ plasma) 0.5 - 100 ng/mL (for whole blood)	15 mins	Prostrate Cancer
	PSA Plus*	Whole blood/Serum/Plasma	0.07 - 50 ng/mL	12 mins	Prostrate Cancer
	AFP	Whole blood/Serum/Plasma	5 - 350 ng/mL	15 mins	Liver Cancer
	AFP Plus*	Whole blood/Serum/Plasma	0.5 - 350 ng/mL	12 mins	Liver Cancer
	CEA	Serum/Plasma	1 - 500 ng/mL	12 mins	Cancers
	CEA Plus*	Whole blood/Serum/Plasma	0.5 - 200 ng/mL	12 mins	Cancers
iFOB Neo*	Feces	25 - 1,000 ng/mL	10 mins	Colorectal Cancer	
Diabetes	HbA1c	Whole blood	NGSP (%): 4 - 15%	12 mins	Diabetes Mellitus
	Microalbumin	Urine	2 - 300 mg/L	12 mins	Diabetes Mellitus
Hormone	Cystatin C	Serum/Plasma	0.1 - 7.5 mg/L	10 mins	Renal disease
	TSH	Serum/Plasma	0.1 - 100 µIU/mL	12 mins	Thyroid malfunction
	TSH Plus	Whole blood/Serum/Plasma	0.1 - 50 µIU/mL	12 mins	Thyroid malfunction
	T3	Serum/Plasma	0.5 - 5.0 ng/mL	16 mins	Thyroid malfunction
Fertility	T4	Serum/Plasma	10.23 - 300.0 nmol/L	16 mins	Thyroid malfunction
	Cortisol	Whole blood/Serum/Plasma	80 - 800 nmol/L	10 mins	Metabolism
	FSH	Serum/Plasma	1 - 100 mIU/mL	15 mins	Menopause/Infertility
	FSH Plus	Whole blood/Serum/Plasma	0.1 - 110 mIU/mL	12 mins	Menopause/Infertility
Infection	Progesterone	Serum/Plasma	4.45 - 127.2 nmol/L & 1.4 - 40 ng/mL	15 mins	Fertility
	hCG	Serum/Plasma	2 - 3,000 mIU/mL	15 mins	Pregnancy
	β-hCG	Whole blood/Serum/Plasma	5 - 50,000 mIU/mL	15 mins	Fertility
	LH	Serum/Plasma	1.0 - 100.0 mIU/mL	15 mins	Ovulation
	LH Plus	Whole blood/Serum/Plasma	0.1 - 100.0 mIU/mL	12 mins	Ovulation
	PRL	Serum/Plasma	1 - 100 ng/mL	10 mins	Sexual disorder & Infertility
	PRL Plus	Whole blood/Serum/Plasma	0.5 - 200 ng/mL	12 mins	Sexual disorder & Infertility
	Testosterone	Serum/Plasma	1 - 10 ng/mL	15 mins	Sexual disorder
	CRP	Whole blood/Serum/Plasma	2.5 - 300 mg/L	3 mins	Inflammation
	PCT	Whole blood/Serum/Plasma	0.1 - 100 ng/mL	12 mins	Sepsis
Rheumatoid Arthritis	ASO	Serum/Plasma	25 - 800 IU/mL	12 mins	Rheumatic Fever
	HbsAg*	Whole blood/Serum/Plasma	Qualitative	12 mins	Hepatitis B
	Anti-HBs*	Whole blood/Serum/Plasma	0 - 500 mIU/mL	15 mins	Hepatitis B
	Anti-HCV*	Whole blood/Serum/Plasma	Qualitative	12 mins	Hepatitis C
	ROTA	Feces	Qualitative	12 mins	Rotavirus infection
	Rota/Adeno	Feces	Qualitative	12 mins	Viral Gastroenteritis
	NORO	Feces	Qualitative	12 mins	Norovirus infection
	Dengue NS1 Ag*	Whole blood/Serum/Plasma	Qualitative	12 mins	Dengue
	Dengue IgG/IgM*	Whole blood/Serum/Plasma	Qualitative	12 mins	Dengue
	Zika IgG/IgM*	Whole blood/Serum/Plasma	Qualitative	12 mins	Zika Virus infection
	HIV Ag/Ab*	Whole blood/Serum/Plasma	Qualitative	15 mins	HIV infection
	Influenza A+B*	Nasopharyngeal swab/Nasal aspirate	Qualitative	10 mins	Influenza A and Influenza B
	Strep A*	Throat Specimen	Qualitative	5 mins	Group A Streptococcal infection
	Syphilis*	Whole blood/Serum/Plasma	Qualitative	12 mins	Syphilis
Others	RF IgM	Whole blood/Serum/Plasma	10 - 200 IU/mL	5 mins	Rheumatoid Arthritis
	Anti-CCP	Whole blood/Serum/Plasma	5 - 200 U/mL	12 mins	Rheumatoid Arthritis
Others	Ferritin	Serum/Plasma	10 - 1,000 ng/mL	10 mins	Anemia
	Vitamin D	Serum/Plasma	8 - 70 ng/mL	28 mins	Bone disease

* Coming Soon