



SIMPLE PROCEDURE



► Load sample mixture on Cartridge



► Insert ID chip & Cartridge



► Touch Start button

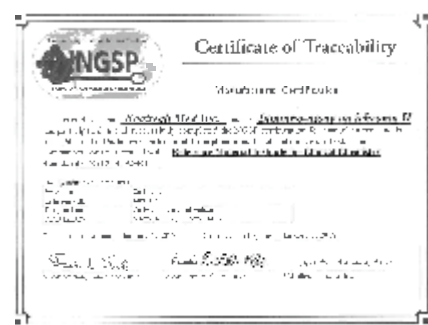
SPECIFICATIONS

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

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Swifttest 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

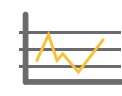
- **Large memory** for storage of results, QC & patient ID
- **Authorized access** to set passwords, give access to users, block parameters, set control/system check schedule
- Data backup & **System upgrade** possible by SD card
- LAN, WiFi dongle, Bluetooth dongle, Keyboard & Barcode scanner can be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



Built-in-printer



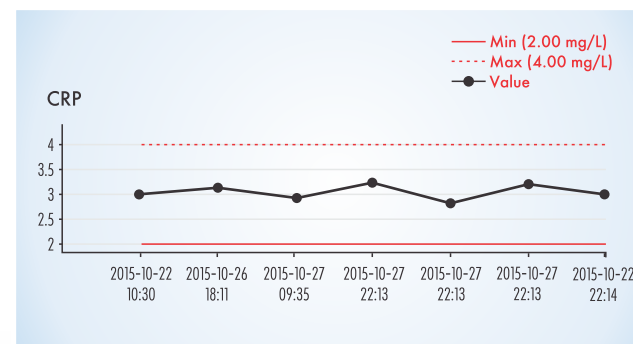
Built-in Multi-timers



On-board QC & System Check

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
Diabetes	iFOB Neo*	Feces	25 - 1,000 ng/mL	10 mins	Colorectal Cancer
	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
	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
Infection	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
	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
Rheumatoid Arthritis	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

Note: The "Plus" range of products are only compatible with iChroma II reader