BIO TECHNOLOGY
boditech

Rev 00_ichroma-2_20160412

For speed and reliability of your diagnosis…

Turn to the experts!

iCHROMA™ II



Built-in printer

Built-in multi-timers

On-board QC & System check

Battery and AC operated



iCHROMA™ II Specifications

Analyzer

276 x 220 x 91 mm
1.3 kgs
100 – 240V AC, 50-60Hz
Internal & external battery

QC / Calibration

System check cartridge
Internal & external controls

Throughput

Up to 30 tests/hour

Interface

7" touch screen
Built-in thermal printer
USB port / Ethernet / SD card slot
WiFi and bluetooth dongle (optional)
LIS/HIS compatible

Memory

1,000 patient results
1,000 QC results
500 ID chips
100 User IDs

100% compatible with existing ichroma™ cartridges



All tests are quantitative and CE-marked

Product class	Test item	Diseases	Sample type	Reaction time	Measurement ranges
Cardiac	**Tn-I**	Myocardial infarction	Serum, Plasma	12 min.	0.1-50 ng/mL
	CK-MB	Myocardial infarction	Whole blood, Serum, Plasma	12 min.	3-100 ng/mL
	D-Dimer	Thrombosis	Whole blood, Plasma	12 min.	50-10,000 ng/mL
	Myoglobin	Myocardial infarction	Whole blood, Serum, Plasma	12 min.	5-500 ng/mL
	hsCRP	Cardiovascular inflammation	Whole blood, Serum, Plasma	3 min.	0.1-10 mg/L
Cancer	**PSA**	Prostate cancer	Whole blood Serum, Plasma	15 min. 15 min.	0.5-100 ng/mL 0.1-100 ng/mL
	AFP	Liver cancer	Whole blood, Serum, Plasma	15 min.	5-350 ng/mL
	CEA	Cancers	Serum, Plasma	12 min.	1-500 ng/mL
	iFOB	Coloerctal cancer	Feces (stool)	10 min.	25-1,000 ng/mL
Diabetes	**HbA1c**	Diabetes mellitus	Whole blood	12 min.	4-15 %
	Microalbumin	Diabetes mellitus	Urine	12 min.	2-300 mg/L
	Cystatin C	Renal disease	Serum, Plasma	10 min.	0.1-7.5 mg/L
Hormone	**TSH**	Thyroid malfunction	Serum, Plasma	12 min.	0.1-100 μIU/mL
	TSH WB	Thyroid malfunction	Whole blood	15 min.	1-100 μIU/mL
	T3	Thyroid malfunction	Serum, Plasma	16 min.	0.5-5.0 ng/mL
	T4	Thyroid malfunction	Serum, Plasma	10 min.	20-300 nmol/L
	FSH	Menopause/infertility	Serum, Plasma	15 min.	1-100 mIU/mL
	Progesterone	Fertility	Serum, Plasma	15 min.	1.4-40 ng/mL
	hCG	Pregnancy	Serum, Plasma	15 min.	2-3,000 mIU/mL
	βhCG	Fertility	Whole blood, Serum, Plasma	15 min.	5-50,000 mIU/mL
	LH	Ovulation	Serum, Plasma	15 min.	1-100 mIU/mL
	PRL	Sexual disorder & infertility	Serum, Plasma	10 min.	1-100 ng/mL
	Testosterone	Sexual disorder	Serum, Plasma	15 min.	1-10 ng/mL
	Cortisol	Metabolism	Whole blood, Serum, Plasma	10 min.	80-800 nmol/L
Infection	**CRP**	Inflammation	Whole blood, Serum, Plasma	3 min.	2.5-300 mg/L
	PCT	Sepsis	Whole blood, Serum, Plasma	12 min.	0.1-100 ng/mL
	ASO	Rheumatic fever	Serum, Plasma	12 min.	25-800 IU/mL
Rheumatoid Arthritis	**RF IgM**	Rheumatoid Arthritis	Whole blood, Serum, Plasma	5 min.	10-200 IU/mL
Others	**Ferritin**	Anemia	Serum, Plasma	10 min.	10-1,000 ng/mL
	Vitamin D	Bone disease	Serum, Plasma	28 min.	8 – 70 ng/mL

Shelf life : 20 months at 2-8℃(Buffer)/ 20 months at 4-30℃(Cartridge), Markers coming soon: HBsAg, Anti-HBs, HCV

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