

Advanced compact immuno-analyzer

iCHROMA™ II



Built-in printer



Built-in multi-timers



On-board QC & System check



Battery and AC operated

Reliable Diagnosis of Patients on-the-Spot



2 level calibration

- All items provide 2 level calibrators and Controls
- Boditech Calibrators and Controls

Specifications

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
LIS/HIS compatible

Memory

1,000 patient results
1,000 QC results
100 User IDs

ichroma^α™ Parameters



| Category | Item | ichroma™ | ichroma™ II *ichroma™ III *ichroma™-10 | ichroma™-50 | ichroma™ M2 | *ichroma™ M3 | Sample type | Working range | |
|--------------------|----------------|---------------|--|-------------|-------------|--------------|--|--|------------------|
| Cardiac | Tn-I | ● | ● | | | | S/P | 0.1-50.0 ng/mL | |
| | Tn-I Plus | | ● | | | | WB/S/P | 0.01-15 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 | TnI 0.01-15 ng/mL CK-MB 3-100 ng/mL Myoglobin 5-500 ng/mL | |
| ST2 | | | ● | ● | | WB/S/P | 3.1-200 ng/mL | | |
| Cancer | PSA | ● | ● | | | | S/P/WB | 0.1-100.0 ng/mL (WB:0.5-100.0 ng/mL) | |
| | PSA Plus | | ● | | | | WB/S/P | 0.07-50 ng/mL | |
| | AFP | ● | ● | | | | WB/S/P | 5-350 ng/mL | |
| | AFP Plus | | ● | | | | WB/S/P | 0.5-350 ng/mL | |
| | CEA | ● | ● | | | | S/P | 1-500 ng/mL | |
| | CEA Plus | | ● | | | | S/P | 0.5-200 ng/mL | |
| iFOB Neo | ● | ● | | ● | | Feces | 25-1,000 ng/mL | | |
| Diabetes | HbA1c | ● | ● | | | | WB | (NGSP) 4-15 % | |
| | Microalbumin | ● | ● | | | | Urine | 2-300 mg/L | |
| | Cystatin C | ● | ● | | | | S/P | 0.1-7.5 mg/L | |
| Hormone | 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 | |
| | Progesterone | ● | ● | | | | S/P | 4.45-127.20 nmol/L | |
| | 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 | |
| | PRL | ● | ● | | | | S/P | 1-100 ng/mL | |
| | Testosterone | ● | ● | | | | S/P | 1-10 ng/mL | |
| | Cortisol | ● | ● | | | | WB/S/P | 80-800 nmol/L | |
| | AMH | | ● | | | | S/P | 0.02-10 ng/mL | |
| | Infection | 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 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 (0-200 COI) | |
| NORO | | | ● | | | | Feces | qualitative (0-200 COI) | |
| Rota/Adeno | | | ● | | | | Feces | qualitative (0-200 COI) | |
| Dengue IgG/IgM | | | ● | | | | WB/S/P | qualitative (0-200 COI) | |
| Dengue NS1 Ag | | | ● | | | | WB/S/P | qualitative (0-200 COI) | |
| Influenza A+B | | | ● | ● | ● | | Nasopharyngeal swab | FluA: 1.4 x 10 ³ pfu/mL FluB: 0.5 TCID ₅₀ /mL | |
| RSV | | | ● | ● | ● | | Nasopharyngeal swab | qualitative | |
| Influenza A+B/RSV* | | | ● | ● | ● | | Nasopharyngeal swab | FluA: 1.4 x 10 ³ pfu/mL FluB: 0.5 TCID ₅₀ /mL RSV: qualitative | |
| Strep A | | | ● | | | ● | Pharyngeal swab | 4 x 10 ³ cfu/test | |
| Adeno* | | | ● | | | | Nasopharyngeal swab/ Nasal aspirate | qualitative | |
| Autoimmune | | RF IgM | ● | ● | | | | WB/S/P | 8-200 IU/mL |
| | | Anti-CCP Plus | | ● | | | | WB/S/P | 3.5-300 U/mL |
| | | Total IgE | ● | ● | | | | WB/S/P | 1.00-1,000 IU/mL |
| Others | Ferritin | ● | ● | | | | S/P | 10-1,000 ng/mL | |
| | Vitamin D | ● | ● | | | | S/P | 8-70 ng/mL | |
| | Calprotectin | ● | ● | ● | | | Feces | 10-1,000 mg/kg | |
| | H.pylori SA | ● | ● | | | | Feces | qualitative | |

* Coming soon