

Reliable Diagnosis of Patients on-the-Spot

Advanced Compact Immunofluorescence Analyzer

iCHROMATM II

- ▶ High performance with reliability
- ▶ Small, compact & light
- ▶ Multi-test function
- ▶ LIS/HIS compatible



Built-in printer



Built-in multi-timers



On-board QC & System check



Battery and AC operated

Specifications

- 276 x 220 x 91 mm
- 1.3 kg
- 100 – 240V AC, 50-60Hz
- Battery (AA×4)

QC/Calibration

- System check cartridge
- Internal & external controls

Interface

- 7" touch screen
- Built-in thermal printer
- USB port / Ethernet
- SD card slot / WiFi
- LIS / HIS compatible

Memory

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

ichroma™ Parameters

| Category | Item | Sample type | Working range | Test time (min) |
|------------------|------------------------|-------------------|---|-----------------|
| Cardiac | Tn-I | S/P | 0.1-50.0 ng/mL | 12 |
| | Tn-I Neo | S/P | 0.1-50.0 ng/mL | 12 |
| | Tn-I Plus | WB/S/P | 0.01-15.00 ng/mL | 12 |
| | CK-MB | WB/S/P | 3-100 ng/mL | 12 |
| | CK-MB Neo | WB/S/P | 3-100 ng/mL | 12 |
| | D-Dimer | WB/P | 50-10,000 ng/mL | 12 |
| | D-Dimer Neo | WB/P | 50-10,000 ng/mL | 12 |
| | NT-proBNP | WB/S/P | 10-30,000 pg/mL | 12 |
| | Myoglobin | WB/S/P | 5-500 ng/mL | 12 |
| | Myoglobin Neo | WB/S/P | 5-500 ng/mL | 12 |
| | hsCRP | WB/S/P | 0.1-10.0 mg/L | 3 |
| | Cardiac triple | WB/S/P | Tn-I: 0.01-15 ng/mL, CK-MB: 3-100 ng/mL, Myoglobin: 5-500 ng/mL | 12 |
| | ST2 | WB/S/P | 3.1-200 ng/mL | 12 |
| | BNP | WB/P | 5-5,000 pg/mL | 12 |
| | Troponin T | WB/S/P | 10-20,000 pg/mL | 12 |
| | LDL Cholesterol Direct | S/P | 10-300 mg/dL | 10 |
| Cancer | PSA | WB/S/P | S/P: 0.1-100.0 ng/mL (WB: 0.5-100.0 ng/mL) | 15 |
| | Free PSA* | WB/S/P | 0.05-50 ng/mL | 12 |
| | AFP | WB/S/P | 5-350 ng/mL | 15 |
| | AFP Neo | WB/S/P | 5-350 ng/mL | 15 |
| | CEA | S/P | 1-500 ng/mL | 12 |
| | CEA Neo | WB/S/P | 1-500 ng/mL | 15 |
| | iFOB Neo | Feces | 25-1,000 ng/mL | 10 |
| | Cyfra21-1 | S/P | 1-500 ng/mL | 12 |
| | CA19-9 | S/P | 8-1000 U/mL | 12 |
| Diabetes | HbA1c | WB | (NGSP) 4-15 % | 12 |
| | HbA1c Neo | WB | (NGSP) 4-15 % | 12 |
| | Microalbumin | Urine | 2-300 mg/L | 12 |
| | Cystatin C | S/P | 0.1-7.5 mg/L | 12 |
| Hormone | Insulin | S/P | 2-300 µIU/mL | 12 |
| | TSH | WB/S/P | 0.09-100.0 µIU/mL | 12 |
| | TSH Plus | WB/S/P | 0.1-50 µIU/mL | 12 |
| | T3 | S/P | 0.5-5.0 ng/mL (0.77-7.7 nmol/L) | 16 |
| | T4 | S/P | 10.23-300.00 nmol/L | 16 |
| | Free T4 | WB/S/P | 1-100 pmol/L | 12 |
| | FSH | S/P | 1-100 mIU/mL | 15 |
| | Progesterone | S/P | 4.45-127.20 nmol/L | 15 |
| | β-HCG | WB/S/P | 5-50,000 mIU/mL | 15 |
| | β-HCG Plus | WB/S/P | 2-5,000 mIU/mL | 12 |
| | LH | S/P | 1-100 mIU/mL | 15 |
| | PRL | S/P | 1-100 ng/mL | 10 |
| | Testosterone | S/P | 0.5-12 ng/mL | 12 |
| | Cortisol | WB/S/P | 50-800 nmol/L | 10 |
| | AMH | S/P | 0.02-15 ng/mL | 12 |
| | PTH | WB/S/P | 30-3,000 pg/mL | 12 |
| Infection | COVID-19 Ag | NS | qualitative | 12 |
| | COVID-19 Ab | WB/S/P | qualitative | 10 |
| | COVID-19/Flu Ag Combo | NS | qualitative | 20 |
| | COVID-19 nAb | WB/S/P | qualitative | 20 |
| | COVID-19 SP/NP IgG | S/P | qualitative | 10 |
| | CRP | WB/S/P | 2.5-300 mg/L | 3 |
| | hsCRP All in one | WB/S/P | 0.5-200 mg/L | 3 |
| | PCT | WB/S/P | 0.1-100.0 ng/mL | 12 |
| | PCT Plus | WB/S/P | 0.02-50 ng/mL | 12 |
| | PCT Plus G | WB/S/P | 0.02-50 ng/mL | 12 |
| | IL-6 | WB/S/P | 2-2,500 pg/mL | 12 |
| | ASO | S/P | 25-800 IU/mL | 12 |
| | Dengue NS1 Ag | WB/S/P | qualitative | 12 |
| | Dengue IgG/IgM | WB/S/P | qualitative | 12 |
| | HBsAg* | WB/S/P | qualitative | 12 |
| | Anti-HBs* | WB/S/P | qualitative | 15 |
| | Anti-HCV* | WB/S/P | qualitative | 12 |
| | Influenza A+B | NS/Nasal aspirate | qualitative | 10 |
| | RSV | NS/Nasal aspirate | qualitative | 10 |
| | Influenza A+B/RSV | NS/Nasal aspirate | qualitative | 10 |
| | NORO | Feces | qualitative | 12 |
| | ROTA | Feces | qualitative | 12 |
| | Adeno | NS/Nasal aspirate | qualitative | 10 |
| | Rota/Adeno | Feces | qualitative | 12 |
| | Strep A | Throat swab | qualitative | 5 |
| | Mycoplasma | Throat swab | qualitative | 10 |
| | IGRA-TB 25 | P | qualitative | 15 |
| | Toxo IgM* | WB/S/P | qualitative | 12 |
| | Toxo IgG* | WB/S/P | qualitative | 12 |
| | Toxo IgG/IgM* | WB/S/P | qualitative | 12 |
| | Rubella IgM* | WB/S/P | qualitative | 12 |
| | Rubella IgG* | WB/S/P | qualitative | 12 |
| | CMV IgM* | WB/S/P | qualitative | 12 |
| CMV IgG* | WB/S/P | qualitative | 12 | |
| Autoimmune | RF IgM | WB/S/P | 8-200 IU/mL | 5 |
| | Anti-CCP Plus | WB/S/P | 3.5-300 U/mL (Semi-quantitative) | 12 |
| | Total IgE | WB/S/P | 1-1,000 IU/mL | 12 |
| Liver function | AST | S/P | 10-1,000 U/L | 15 |
| | Ferritin | S/P | 10-1,000 ng/mL | 10 |
| Other test items | Vitamin D Neo | WB/S/P | 5-100 ng/mL | 12 |
| | Calprotectin | Feces | 10-1,000 mg/kg feces | 10 |
| | H. pylori SA | Feces | qualitative | 12 |
| | KL-6 | S/P | 51-3,000 U/mL | 10 |

* No CE mark

WB = Whole blood, S = Serum, P = Plasma, NS = Nasopharyngeal swab

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