

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<sup>TM</sup> Parameters



| Category   | Item               | ichroma <sup>TM</sup> | ichroma <sup>TM</sup> II<br>* ichroma <sup>TM</sup> III<br>* ichroma <sup>TM</sup> -10 | ichroma <sup>TM</sup> -50 | ichroma <sup>TM</sup> M2 | * ichroma <sup>TM</sup> 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<br>CK-MB 3-100 ng/mL<br>Myoglobin 5-500 ng/mL                           |
| Cancer     | ST2                |                       | ●                                                                                      | ●                         |                          |                            | WB/S/P                                 | 3.1-200 ng/mL                                                                             |
|            | PSA                | ●                     | ●                                                                                      |                           |                          |                            | S/P/WB                                 | 0.1-100.0 ng/mL<br>(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                                                                               |
| Diabetes   | CEA Plus           |                       | ●                                                                                      |                           |                          |                            | S/P                                    | 0.5-200 ng/mL                                                                             |
|            | iFOB Neo           | ●                     | ●                                                                                      | ●                         |                          |                            | Feces                                  | 25-1,000 ng/mL                                                                            |
|            | HbA1c              | ●                     | ●                                                                                      |                           |                          |                            | WB                                     | (NGSP) 4-15 %                                                                             |
| Hormone    | Microalbumin       | ●                     | ●                                                                                      |                           |                          |                            | Urine                                  | 2-300 mg/L                                                                                |
|            | Cystatin C         | ●                     | ●                                                                                      |                           |                          |                            | S/P                                    | 0.1-7.5 mg/L                                                                              |
|            | 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                                                                             |
| Infection  | AMH                |                       | ●                                                                                      |                           |                          |                            | S/P                                    | 0.02-10 ng/mL                                                                             |
|            | 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 <sup>3</sup> pfu/mL<br>FluB: 0.5 TCID <sub>50</sub> /mL                    |
|            | RSV                |                       | ●                                                                                      | ●                         | ●                        |                            | Nasopharyngeal swab                    | qualitative                                                                               |
|            | Influenza A+B/RSV* |                       | ●                                                                                      | ●                         | ●                        |                            | Nasopharyngeal swab                    | FluA: 1.4 x 10 <sup>3</sup> pfu/mL<br>FluB: 0.5 TCID <sub>50</sub> /mL<br>RSV:qualitative |
|            | Strep A            |                       | ●                                                                                      |                           | ●                        |                            | Pharyngeal swab                        | 4 x 10 <sup>3</sup> cfu/test                                                              |
|            | Adeno*             |                       | ●                                                                                      |                           |                          |                            | Nasopharyngeal swab/<br>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