

# Test Menu

<b>Thyroid</b>  FT3 FT4 T3 T4 TSH Anti-Tg Anti-TPO Tg rT3 TRAb	<b>Infectious Disease</b>  HIV Combo HBsAg Anti-HBs HBeAg Anti-HBe Anti-HBc Anti-HCV** Anti-TP (Syphilis) HAV IgM*	<b>Fertility</b>  Total β-HCG FSH LH Prolactin Estradiol Estrinol TESTO PROG AMH Free testosterone* 17-OH PROG* SHBG*	<b>Bone Metabolic</b>  Intact PTH Calcitonin Vitamin D total	<b>Diabetes</b>  Insulin C-peptide
<b>Adrenal Function</b>  DHEA-S Cortisol ACTH	<b>Liver Fibrosis</b>  Laminin Hyaluronic Acid PIIINP Collagen IV	<b>COVID-19</b>  SARS-COV-2 IgG SARS-COV-2 IgM SARS-COV-2S-RBD IgG SARS-COV-2 Neutralizing Antibody	<b>ToRCH</b>  Toxo IgG Toxo IgM Rubella IgG Rubella IgM CMV IgG CMV IgM HSV-1/2 IgG* HSV-1/2 IgM* HSV-1 IgG* HSV-2 IgG*	<b>DM</b>  Insulin C-peptide
<b>Inflammation</b>  Procalcitonin IL-6 sCD14-ST	<b>DS' Screening</b>  PAPP-A* Free β-HCG*	<b>Growth Hormone</b>  GH* IGF-1*	<b>Anemia</b>  Ferritin Vitamin B12 Folate RBC Folate	<b>EH</b>  Renin Aldosterone

\*: Under development  
 \*\*: Non-CE

# CL-900i

Chemiluminescence Immunoassay Analyzer

## Technical Specifications

### General Information

Throughput Up to 180 tests/hour  
 Measurement Principle Micron superparamagnetic particles platform  
 With alkaline phosphatase (ALP) labeled reagents  
 And AMPPD substrate

### Sample Assembly

Sample Feeder Continuous sample loading and offloading  
 Sample positions 50  
 Sample Probe Steel probe, liquid level detection, clot detection, Horizontal and vertical collision protection  
 Sample Volume 10~200ul, with increment of 1ul  
 Sample Dilution Automatic dilution with 1:2~1:40

### Reagent Assembly

Reagent Disk 15 reagent positions, continuous loading, real-time mixing for magnetic particles  
 Cooling System 2~8 °C  
 Reagent Pack 50 tests/pack, 100 tests/pack  
 Reagent Scanning Built-in/External bar code reader  
 Reagent Probe Steel probe, liquid level detection, clot detection, Horizontal and vertical collision protection  
 Reagent Volume 20~200ul, with increment of 1ul

### Substrate System

Substrate Bottle 300/500 tests per bottle, bottom piercing  
 Substrate Loading Capable of continuous loading during testing  
 Substrate Heating Constant heating  
 Aspiration Volume 200ul

### Magnetic separation unit

Separation Assembly 4-phase magnetic separation  
 Temperature Accuracy: 37±0.3 °C

### Measurement and Reaction System

Detection Mode Photon counting  
 Signal Detector Photomultiplier (PMT) photo counter  
 PMT Calibration LED reference module  
 Incubation positions 82  
 Temperature Accuracy: 37±0.3 °C  
 Mixing Unit Non-touch vortexer mixing

### Cuvette Loading and Waste Collection

Cuvette Disposable plastic cuvette  
 Cuvette Loading 88 cuvettes per tray,  
 2 trays can be loaded in one batch,  
 continuous loading and offloading  
 Waste collection Waste container, 200 cuvettes per box

### Working conditions

Power Supply 110V/115V~, 60Hz; 220V-240V~, 50Hz;  
 220V/230V~, 60Hz  
 Input Power 1000VA  
 Operating Temperature 15~30 °C  
 Relative Humidity 35%RH~85%RH, without condensation  
 Dimension 860mm\*740mm\*560mm (W\*D\*H)  
 Weight 145Kg  
 Altitude Height -400m~3000m



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www.mindray.com

P/N:ENG-CL-900i-210285X6P-20220530  
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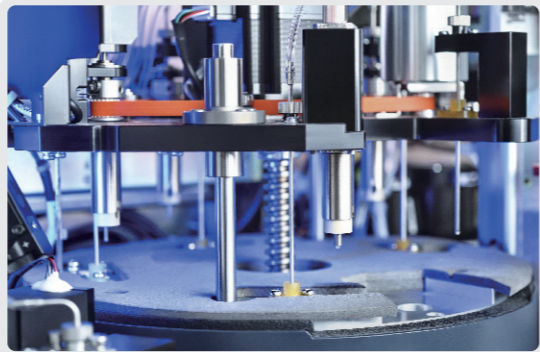
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 healthcare within reach

**mindray**

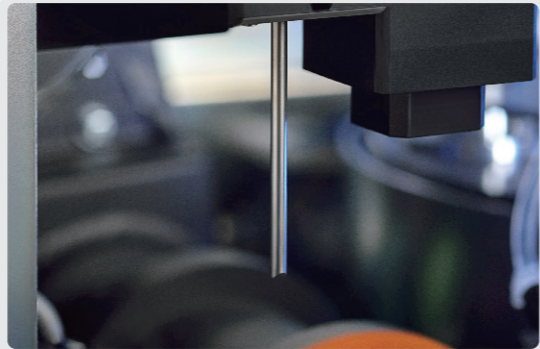


One of the world's smallest,  
fully automated CLIA analyzers

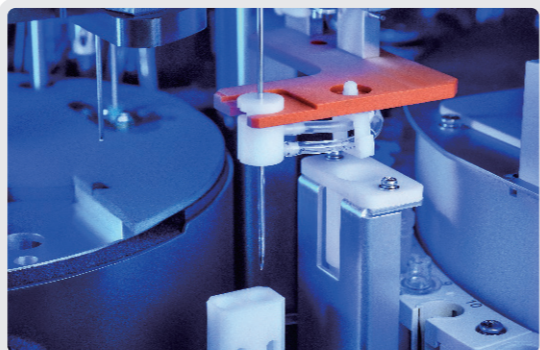
# CL-900i The right size for your lab



Precise magnetic separation with  
consistent performance reliability



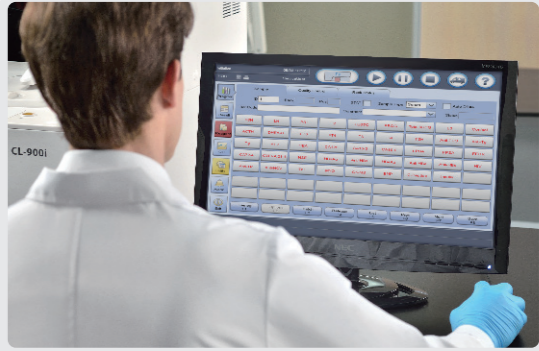
Solid-liquid waste separation  
Environmental friendly



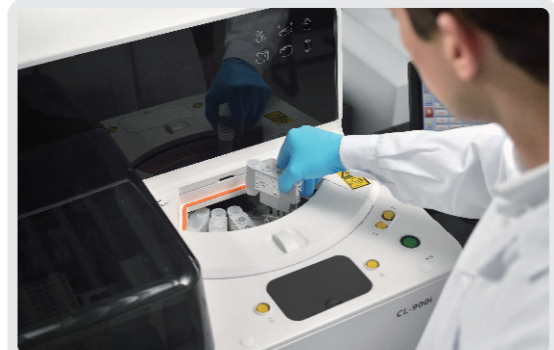
Wiper washing technology  
Enhance efficiency and minimize carryover



One-key start  
Extremely easy to use



Intuitive software interface  
Easy access to all functions



Continuously loading of  
reagents and consumables



User maintenance free  
Lighten the workload



Intelligent consumables management