

Panel	Parameter	Qualification	Sample Type	Panel	Parameter	Qualification	Sample Type
Cardiac	hs-cTnT	/	S/P	Growth Hormone	GH	NMPA	S/P
	hs-cTnI	NMPA	S/P/WB		IGFBP-3	NMPA	S/P
	CK-MB	NMPA	S/P/WB		IGF-1	/	/
	MYO	NMPA	S/P/WB		HbA1c	NMPA	WB
	H-FABP	NMPA	S/P/WB		C-P	NMPA	S
	Lp-PLA2	NMPA	S/P/WB	Diabetes	INS	NMPA	S
	NT-proBNP	NMPA	S/P/WB		ADP	NMPA	S
	BNP	NMPA	P		GADA	NMPA	S/P
	ST2	NMPA	S/P/WB		IA-2A	NMPA	S/P
Inflammation	cTnI	NMPA	S/P/WB		IAA	NMPA	S/P
	D-Dimer	NMPA	P/WB		ICA	NMPA	S/P
	PCT	NMPA	S/P/WB	Hypertension	Cortisol	NMPA	P
	CRP	NMPA	S/P/WB		ALD	NMPA	P
Tumor	IL-6	NMPA	S/P/WB		Renin	NMPA	P
	CEA	NMPA	S/P		ACTH	NMPA	P
	CA125	NMPA	S/P	Bone Metabolism	25-OH-VD	NMPA	S/P/WB
	HE4	NMPA	S/P		PTH	NMPA	S/P
	CYFRA21-1	NMPA	S/P		BGP	NMPA	S/P
	CA15-3	NMPA	S/P		Total P1NP	NMPA	S/P
	CA242	NMPA	S	Rheumatoid Arthritis	β-CTX	NMPA	S/P
	CA19-9	NMPA	S/P		Anti-CCP	NMPA	S/P
	CA72-4	NMPA	S/P		RF-IgA	NMPA	S/P
	CA50	NMPA	S/P		RF-IgM	NMPA	S/P
	NSE	NMPA	S		RF-IgG	NMPA	S/P
	proGRP	NMPA	S/P	Cytokine	IL-2	NMPA	S
	SCCA	NMPA	S/P		IL-4	NMPA	S/P
	tPSA	NMPA	S/P		IL-5	NMPA	S/P
	VEGF	NMPA	S		IL-8	NMPA	S
Liver Disease	fPSA	NMPA	S/P		IL-10	NMPA	S
	TK1	NMPA	S/P		IL-1β	NMPA	S
	AFP	NMPA	S/P		TNFα	NMPA	S
	AFP-L3%	NMPA	S/P		IL-2R	NMPA	S/P
	DCP	NMPA	S		IL-17A	NMPA	S/P
	GP73	NMPA	S/P	TORCH	IFN-γ	NMPA	S/P
Gastric Function	CK18-M30	NMPA	S		IL-12p70	NMPA	S/P
	CK18-M65	NMPA	S		IL-22	NMPA	S
	G-17	NMPA	S		Toxo IgG	/	S/P
	PGI	NMPA	S/P		Toxo IgM	/	S/P
Renal Function	PGII	NMPA	S/P		RUB IgG	/	S/P
	H.Pylori Ab	NMPA	S/P		RUB IgM	/	S/P
	NGAL	NMPA	S		CMV IgG	/	S/P
Brain Injury	CysC	NMPA	S/P		CMV IgM	/	S/P
	Anti-PLA2R IgG	NMPA	S/P	STAT	HSV-1/2 IgG	/	S/P
Anemia	S100	NMPA	S		HSV-1/2 IgM	/	S/P
	Ferr	NMPA	S/P		HSV-1 IgG	/	S/P
	VB12	NMPA	S		HSV-1 IgM	/	S/P
Thyroid	FA	NMPA	S		HSV-2 IgG	/	S/P
	TSH	NMPA	S/P		HSV-2 IgM	/	S/P
	TT4	NMPA	S/P		PCT STAT	NMPA	S/P/WB
	TT3	NMPA	S/P		H-FABP STAT	NMPA	S/P/WB
	FT4	NMPA	S/P		NGAL STAT	NMPA	S
	FT3	NMPA	S/P		MYO STAT	NMPA	S/P/WB
	Anti-TG	NMPA	S/P	Infectious Disease	BNP STAT	NMPA	P/WB
Immunoglobulins	Anti-TPO	NMPA	S/P		IL-6 STAT	NMPA	S/P/WB
	IgE	/	S/P		D-Dimer STAT	NMPA	P/WB
	FSH	NMPA	S/P		NT-proBNP STAT	NMPA	S/P/WB
	E2	NMPA	S/P		hs-cTnI STAT	NMPA	S/P/WB
	T	NMPA	S/P		CK-MB STAT	NMPA	S/P/WB
Sex Hormone	P	NMPA	S/P	Tuberculosis (TB-IGRA)	HBsAg	/	S/P
	LH	NMPA	S/P		HCV-Ab	/	S/P
	PRL	NMPA	S/P		HIV-Ab/Ag	/	S/P
	AMH	NMPA	S		TP-Ab	/	S/P
	β-HCG	NMPA	S/P		Protein extraction reagent	NMPA	WB
					IFN-γ	NMPA	S/P

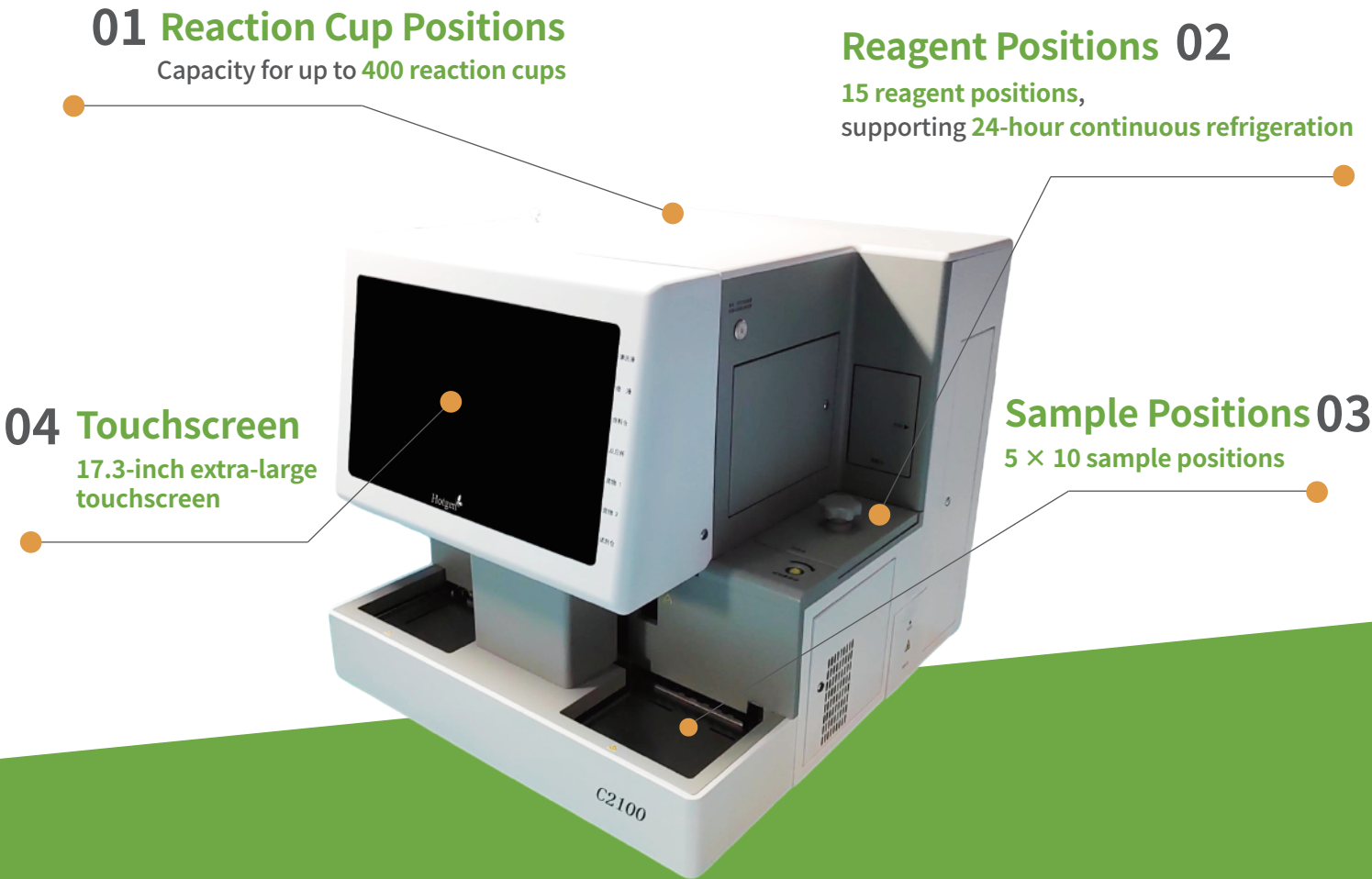
● Available ● Coming soon



C2100 Fully Automated Chemiluminescence Immunoassay Analyzer

Third-Generation Whole Blood Compact CLIA
— A Leader in High-Quality Diagnostics

C2100 System Overview



01 Reaction Cup Positions
Capacity for up to **400 reaction cups**

Reagent Positions 02
15 reagent positions,
supporting **24-hour continuous refrigeration**

Sample Positions 03
5 × 10 sample positions

04 Touchscreen
17.3-inch extra-large touchscreen

Item	Specification	Item	Specification
Dimensions	690 mm × 760 mm × 690 mm (L × W × H)	Sampling Probe	Stainless Steel Needle
Weight	Approx. 100 kg	Minimum Pipetting Volume	10μL
Automation Level	Fully Automated	Carryover Rate	AFP carryover≤10 ⁻⁵
Sample Types	Serum, Plasma, Whole Blood, Urine	Reagent Refrigeration	Continuous refrigeration for 24 hours; reagent carousel temperature:2°C~8°C
Throughput	200 tests/hour	Liquid Level Detection	Supported
Reagent Positions	15	Power Supply	220 VAC, 50 Hz
Sample Positions	50	Interface	RJ45
Time to First Result	12 min		

Instrument Features

- 1

Whole Blood Testing, Results in 12 Minutes

- Cardiac and inflammatory markers support **whole blood, serum, and plasma** samples
 - **12 minutes** to first result
 - **EDTA anticoagulated samples** supported, enabling biochemistry & immunoassay testing from a **single tube**
- 2

Automated Decapping, Mixing & HCT Calibration

- Automatic tube **decapping and mixing**
 - Built-in **HCT module** ensures accuracy in whole blood testing
- 3

Small-molecule Sandwich Assay for High Accuracy

- Thyroid function tests adopt a **small-molecule sandwich assay**
 - Delivers **higher sensitivity, specificity, wider detection range,** and improved stability
- 4

Track-Based Sample Loading, True Random Access

- Track-based sample loading design
 - Supports **STAT mode**, enabling testing immediately upon sample arrival
- 5

Dump-Type Reaction Cups, Simple & Efficient

- Dump-type reaction cups
 - Simple operation with high efficiency
- 6

Dual Stainless-steel Probe Design, Tip-Free

- Two independent stainless-steel probes for **sample and reagent aspiration**
 - Equipped with **clog detection, clot detection, and liquid level sensing**
 - Reduced consumables: only reaction cups required, **no disposable tips needed**
- 7

Ample Sample & Reagent Capacity

- **50 sample positions** and **15 reagent positions**
 - Continuous **2–8°C refrigeration for 24 hours**
- 8

High Throughput Performance

- Throughput up to **200 tests/hour**
 - First result in approximately **12 minutes**, followed by **one test every 18 seconds**
- 9

Intelligent Operation

- **Automatic dilution** supported
 - **Full touchscreen** operation with a user-friendly interface
 - Seamless **LIS connectivity** with automatic result transmission
- 10

Broad Test Menu

- Extensive test menu with **110+ parameters**
- 11

System Connectivity

- Supports **multi-instrument connection** for scalable laboratory operation