

Test Menu

Panel	Parameter	Qualification	Sample Type	Panel	Parameter	Qualification	Sample Type
Cardiac	hs-cTnl	NMPA	S/P/WB	Diabetes	HbA1c	NMPA	WB
	CK-MB	NMPA	S/P/WB		C-P	NMPA	S/P
	MYO	NMPA	S/P/WB		INS	NMPA	S/P
	H-FABP	NMPA	S/P/WB		ADP	NMPA	S/P
	Lp-PLA2	NMPA	S/P/WB		GADA	NMPA	S/P
	NT-proBNP	NMPA	S/P/WB		IA-2A	NMPA	S/P
Inflammation	BNP	NMPA	S/P/WB	Hypertension	IAA	NMPA	S/P
	ST2	NMPA	S/P/WB		ICA	NMPA	S/P
	cTnl	NMPA	S/P/WB		Cortisol	NMPA	S/P/Urine
	D-Dimer	NMPA	P/WB		ALD	NMPA	S/P
	PCT	NMPA	S/P/WB		Renin	NMPA	P
	CRP	NMPA	S/P/WB		ACTH	NMPA	P
Tumor	IL-6	NMPA	S/P/WB	Bone Metabolism	25-OH-VD	NMPA	S/P
	CEA	NMPA	S/P		PTH	NMPA	S/P
	CA125	NMPA	S/P		BGP	NMPA	S/P
	HE4	NMPA	S/P		Total P1NP	NMPA	S/P
	CYFRA21-1	NMPA	S/P		β-CTx	NMPA	S/P
	CA15-3	NMPA	S/P	Rheumatoid Arthritis	Anti-CCP	NMPA	S/P
	CA242	NMPA	S		RF-IgA	NMPA	S/P
	CA19-9	NMPA	S/P		RF-IgM	NMPA	S/P
Liver Disease	CA72-4	NMPA	S/P		RF-IgG	NMPA	S/P
	CA50	NMPA	S/P	Cytokine	IL-2	NMPA	S
	NSE	NMPA	S		IL-4	NMPA	S/P
	proGRP	NMPA	S/P		IL-5	NMPA	S
	SCCA	NMPA	S/P		IL-8	NMPA	S
	tPSA	NMPA	S/P		IL-10	NMPA	S
	VEGF	NMPA	S		IL-1β	NMPA	S
	TK1	NMPA	S/P		TNFα	NMPA	S
	AFP	NMPA	S/P		IL-2R	NMPA	S/P
	AFP-L3%	NMPA	S/P		IL-17A	NMPA	S/P
Gastric Function	DCP	NMPA	S	Sex Hormone	IFN-γ	NMPA	S/P
	GP73	NMPA	S/P		IL-12p70	NMPA	S
	CK18-M30	NMPA	S		IL-22	NMPA	S
	CK18-M65	NMPA	S				
	G-17	NMPA	S/P				
	PGI	NMPA	S/P				
	PGII	NMPA	S/P				
	NGAL	NMPA	S/Urine				
	S100	NMPA	S	Thyroid	FSH	NMPA	S/P
Anemia	Ferr	NMPA	S/P		E2	NMPA	S/P
	VB12	NMPA	S/P		T	NMPA	S/P
	FA	NMPA	S/P		P	NMPA	S/P
	TSH	NMPA	S/P		LH	NMPA	S/P
	TT4	NMPA	S/P		PRL	NMPA	S/P
	TT3	NMPA	S/P		AMH	NMPA	S
	FT4	NMPA	S/P		β-HCG	NMPA	S/P
	FT3	NMPA	S/P	Growth Hormone	GH	NMPA	S/P
	Anti-TG	NMPA	S/P		IGFBP-3	NMPA	S/P
	Anti-TPO	NMPA	S/P				
Sex Hormone	TG	NMPA	S/P				
	FSH	NMPA	S/P				
	E2	NMPA	S/P				
	T	NMPA	S/P				
	P	NMPA	S/P				
	LH	NMPA	S/P				
	PRL	NMPA	S/P				
	AMH	NMPA	S				
	β-HCG	NMPA	S/P				
Growth Hormone	GH	NMPA	S/P				
	IGFBP-3	NMPA	S/P				

• Available • Coming soon



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C2000

Fully Automated Chemiluminescence
Immunoassay Analyzer



Key Advantages



Backed by the National “13th Five-Year” Major S&T Program

Aligned with the National “13th Five-Year” Infectious Disease Program: Liver Cancer Biomarkers (AFP, AFP-L3%, DCP) and GP73



Disposable Tips & Triple Washing

One-time use tips with advanced triple-wash design
Ensures contamination-free sampling and reliable results



Intelligent Mechanical Gripper

Innovative gripper design for precise and stable tube handling
Guarantees reliability in every grip and release

Key Features



High Throughput & Efficiency

- Supports multiple assays simultaneously on a single instrument
- 60 sample positions, delivering 120–150 tests per hour (minimum 120 T/h depending on the assay)



Strong Anti-Contamination

- Uses disposable sample tips with a proprietary triple-separation washing process
- Ensures virtually zero carry-over contamination



Intelligent Detection

- Accurate liquid level detection technology
- Ensures reliable and precise liquid level monitoring



Intelligent & Automated

- Automatic on-board dilution for high-value samples
- Full touchscreen interface
- LIS-compatible for seamless laboratory integration



Fully Automated Workflow

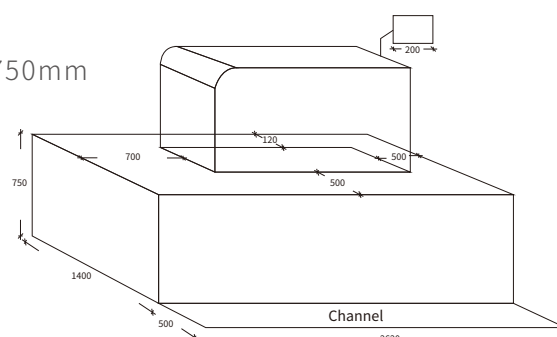
- Automates the entire process: sample loading, mixing, incubation, separation & washing, detection, result calculation, and report generation

Dimensions

Instrument Dimensions (including computer screen): 1600X780X750mm

Recommended Space for Single Unit: 2620 X 1900mm

Recommended Channel Width: Minimum 500mm



Functional Modules

1

System Control Center:

- Windows-based environment with proprietary software, supporting both Chinese and English interfaces, full touchscreen operation
- Automatic calibration and quality control analysis
- Automatic dilution for high-value samples
- LIS integration for automatic result upload
- Automated maintenance functions
- Full-process visualization on the operation interface

4

Substrate Module:

- Supports online replacement

6

Reagent Needle:

- High-pressure washing of inner and outer surfaces, prevents cross-contamination

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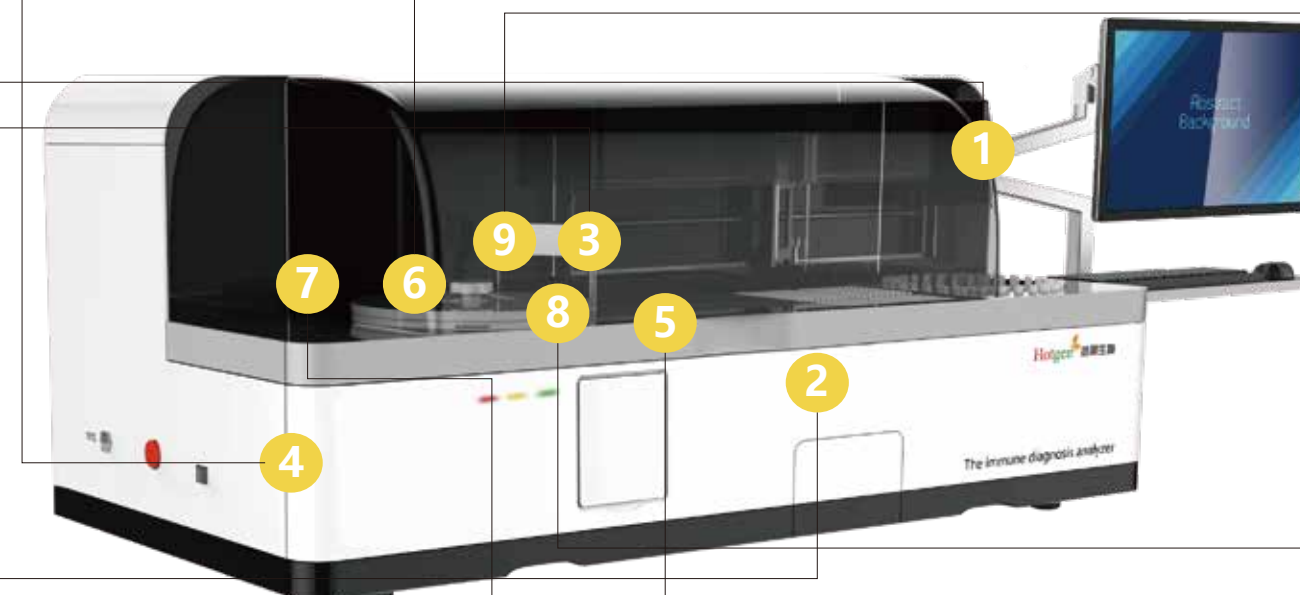
Sample Needle:

- Intelligent liquid level detection
- Automatic clot detection
- Supports continuous sample loading
- Anti-collision protection for the sample needle

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Sample Positions:

- 60 sample slots
- Supports various sample tube types
- Supports online dilution



2

Reaction Area:

- Anti-jam cup design
- Compatible with all commonly used immunoassay modes
- Supports both routine and STAT sample testing
- Delivers 120–150 tests per hour (minimum 120 T/h depending on the test items)

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Consumable Storage:

- Accommodates 240 reaction cups and 240 tips per load
- Allows seamless, continuous refilling for nonstop operation

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Reagent Positions:

- 18 slots for simultaneous detection of up to 18 test items
- On-board reagent addition and replacement for uninterrupted operation
- Continuous cooling to maintain reagent stability
- Magnetic particles positions with mixing capability
- Barcode and QR code identification for accurate reagent tracking

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Photometry Module:

- Ultra-sensitive photon counting with near-zero background
- Optimized light-shielding structure for accurate measurements