

Reagent

CC&IM MODULAR AUTOMATION

Infectious disease	13items	TORCH	10items	Hypertension	4items	Allergen	1item
HBsAg		TOX IgM		Renin		T-IgE	
HBsAb		TOX IgG		Cortisol			
HBeAg		RV IgM		ACTH		Autoimmune ANAs	15item
HBeAb		RV IgG		ALD		Anti-Rib- P	
HBCAb		CMV-IgM				Anti-Sm/RNP	
HIV-Ag/Ab		CMV-IgG		Thyroid function	8items	Anti-Sm	
HCV-Ab		HSV-1 IgM		T3		Anti-SSA(Ro60)	
TP-Ab		HSV-1 IgG		FT3		Anti-SSA(Ro52)	
PreS1-Ag		HSV-2 IgM		T4		Anti-SSB(La)	
2019-nCov IgG		HSV-2 IgG		FT4		Anti-Scl-70	
2019-nCov IgM				TSH		Anti-CENP-B	
anti-HBc-IgM		Tumor markers	17items	anti-TG		Anti-Jo-1	
HAV-Ab		pro-GRP		anti-TPO		Anti-His	
		CA50		Tg		Anti-Nuc	
Inflammation	3items	SCC				Anti-dsDNA	
PCT		AFP		Hormone	9items	Anti-PCNA	
SAA		CEA		HGH		Anti-PM-Scl	
IL-6		CA-153		Prog		Anti-AMA-M2	
		CA 125		FSH		Vasculitis diagnostics	3item
Cardiac marker	10items	CA-199		PRL		Anti-PR3	
Myo		t-PSA		LH		Anti-GBM	
CK-MB		f-PSA		β -HCG		Anti-MPO	
cTnl		NSE		E2			
NT-pro-BNP		Cyfra 211		Tes		Autoimmune hepatitis	5item
hs-CRP		CA-724		AMH		Anti-SLA/LP	
BNP		CA-242				Anti-LKM-1	
hs-cTnl		HE-4		Bone metabolism	3items	Anti-LC-1	
hs-cTnT		PG I		25-OH-VD		Anti-gp210	
D-Dimer		PG II		iPTH		Anti-sp100	
GDF-15				CT			
		Autoimmune rheumatic disease	5items			Prenatal Screening	3item
Anemia	3items	anti-CCP		Glycometabolism	2items	PAPP-A	
Ferr		RF		INS		Free- β -HCG	
VB12		RF-IgA		C-P		uE3	
FoLate		RF-IgG					
		RF-IqM					

Technical parameters

i 6000 Automatic Chemiluminescence Analyzer

Overall performance	Instrument type: single machine, integrated machine Detection method: Acridinium ester chemiluminescence immunoassay Test throughput: 600 tests/hour Time to first result≤9min
Track module	Sample loading via track access, on 5-sample rack Simultaneous loading of 50 samples, up to 100-sample buffer, Scalable, support continuous sample loading Support STAT priority testing
Sample module	Volume of sample probe: 5μL-150μL Carry-over≤0.1ppm Support: liquid level detection, clog detection, volume tracking, collision detection, etc. Sample types: Serum, plasma, whole blood, urine, CSF and other body fluids
Reagent module	Volume of reagent probe: 20μL-100μL Reagent storage: 30 reagent positions with 24-hour cooling at 2°C-8°C Reagent mixing: real-time online mixing
Reaction module	Cuvette: automatic loading, support continuous loading by dumping Cuvette mixing: non-contact mixing Magnetic separation: dual magnetic separation modules, 4-stage magnetic separation technology
Environment requirements	Temperature: 10°C-30°C; Humidity: 30%-70%; Atmospheric pressure: 64kPa-106kPa Power supply: voltage 220V, frequency 50 Hz, power 2000 VA; Net weight: Approx. 454kg per unit; External dimensions: 1156×969×1305 [L×W×H, mm] per unit;

NOTICE: This brochure is for reference purpose only and subject to change without notice

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WEBSITE

2024-04-24- i 6000-En



AUTOMATIC CHEMILUMINESCENCE IMMUNOASSAY SYSTEM

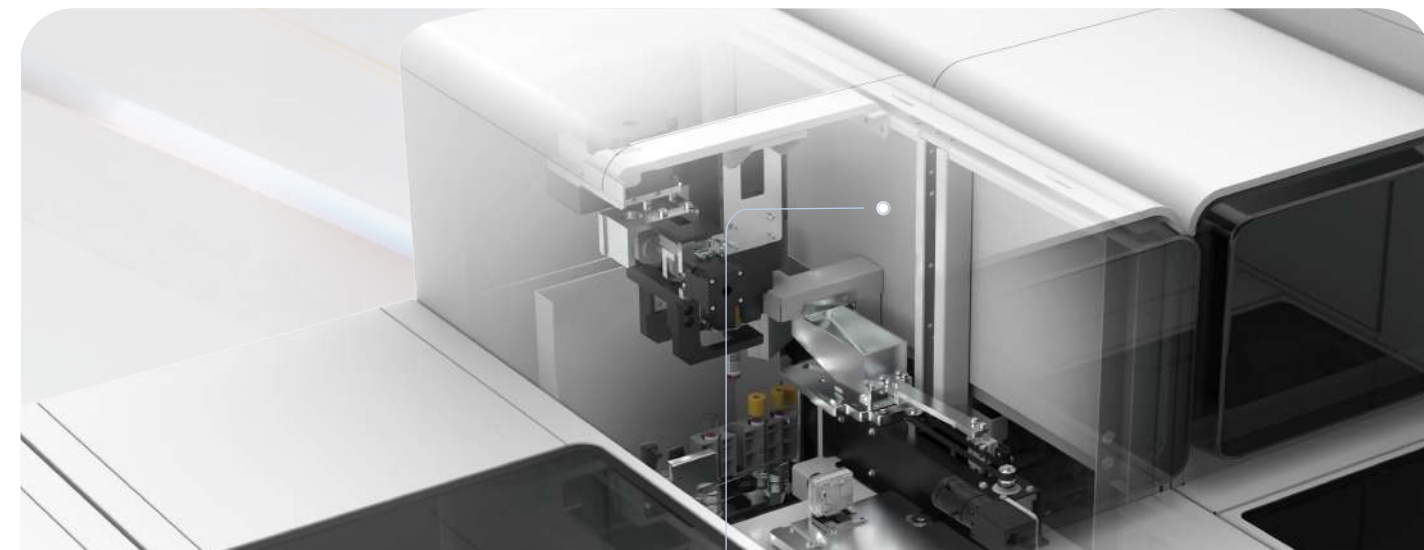
i 6000



Safety	Solid-liquid separation, with liquid waste directly discharged, ensuring biological safety.	4 _{stage}	4-stage proprietary magnetic B/F (bead/tuid) separation technology, avoid losing of magnetic bead
Monitoring	Support real-time diagnosis, and alert potential instrument issues in advance.		
Accurate	Optimized magnetic separation dispensing system ensures stable and precise detection results.	≤0.1 _{ppm}	≤0.1ppm proprietary multi-stage circulation cleaning technology ensure carry-over less than 0.1ppm
Responsive	Two sets of substrate buffer and wash buffer , with automatic switching support.		
Timely	Walk-away time up to 6 hours.	37.0 _{±0.2} ^{°C}	Ensure continuous incubation of the reaction system at 37.0±0.2 °C during the cleaning process

Optional Functions

With just **0.35m²** footprint, achieving the CORE sample processing functions: decapping of sample tube and visual recognition of serum quality.



DQI module
Serum/plasma Quality Recognition
+



- Serum/plasma Quality Recognition

- Decapping Function

600_{T/H}

Up to 600 tests/hour for standard-alone instrument

9_{min}

Only 9 minutes to first result

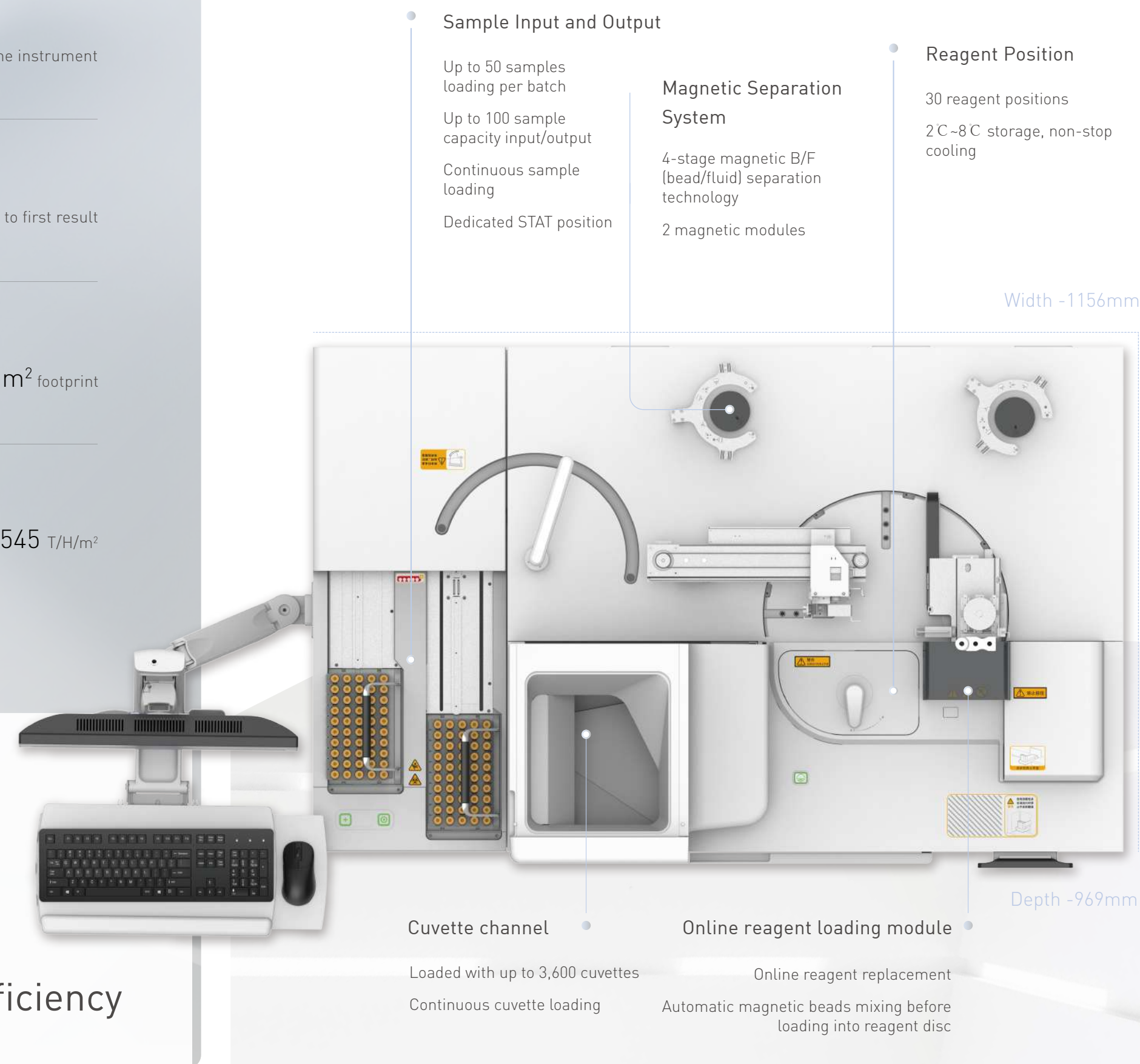
1.1_{m²}

Only 1.1m² footprint

545_{T/H/m²}

Throughput/m² up to 545 T/H/m²

Redefine the Throughput/m² Efficiency



Flexible scalability, easily upgrade to intelligent laboratory

TLA Mini Solution



LABAS MIX + i 6000 + C 2000

Sample Handling System + CLIA+ CHEM

LABAS MIX + i6000 + C 1000 + F8 + P100 + AS120 + H5200

Sample Handling System+ CLIA+CHEM+Hematology+CRP+Coagulation+Slide Maker

Integrated Automation Solution

i 6000 Automatic Chemiluminescence Analyzer
C 1000 Automatic Chemistry Analyzer
C 2000 Automatic Chemistry Analyzer

*For more information, please consult Maccura or authorized dealers



LABAS S + i 6000 + C 1000



LABAS S + i 6000 + C 2000



LABAS S + i 6000x4