

Sys Lumina ci

The ideal solution for maximizing efficiency

Fully Automated Chemiluminescence (CLIA) Analyser



- Sleek Design
- Low-Maintenance
- Seamless Integration

Setting new standards in integrated systems



Key features

- Full Scene Sampling and **waterfall vacuum washing technology** to ensure accurate results
- Real time analyzer monitoring with 85 sensor groups
- Zero Maintenance

1. Non-stop loading of all the consumables



2. Bulk cuvette loading model with a maximum capacity of 1200 cuvettes



3. 70 sample positions with 1 min response time to STAT samples



4. 25 reagent positions with 2-28°C refrigeration



Test Menu of Immunoassay

A wide test menu in immunoassay is essential for comprehensive diagnostics, enabling accurate and timely patient care. It enhances operational efficiency by reducing the need for external testing and provides a competitive edge by meeting diverse diagnostic needs. Additionally, it supports cost-effectiveness and fosters innovation through extensive data

Thyroid	Infectious Markers	Tumor Markers	Fertility
FT3	HIV Combo *	CEA	Total β-HCG
FT4	HBsAg *	AFP	FSH
T3	Anti-HBs *	CA125	LH
T4	HBeAg *	CA15-3	Prolactin
TSH	Anti-HBe *	CA19-9	E2
Anti-TG	Anti-HBc *	FPSA	E3
Anti-TPO	Anti-HCV *	TPSA	Testo
Tg	Anti-TP (Syphilis) *	NSE	Prog
rT3	H Pylori IgG*	CYFRA 21-1	AMH
TRAB*	Anti-HBc IgM*	CA72-4	Free testo*
	HAV IgM*	HE4	SHBG*
ToRCH	HEV IgG*	PG I*	PAPP-A*
Toxo IgG	HEV IgM*	PG II*	
Toxo IgM	Anti HAV*	SCCA*	Diabetes
Rubella IgG		ProGRP*	Insulin
Rubella IgM		CA50*	C-Peptide
CMV IgG	Bone Metabolism	CA242*	IGFBP-3*
CMV IgM	Intact PTH	AFP L3%*	
HSV-1/2 IgG	Calcitonin	PIVKA-II*	Liver Fibrosis
HSV-1/2 IgM	Vitamin D total	G-17*	LN*
HSV-1 IgG	GH*	S100*	HA*
HSV-2 IgG	HGFI*	Total PINP*	PIIINP*
Toxo IgG Avidity*	N-MID Osteocalcin*		CIV*
CMV IgG Avidity*	Beta Crosslaps*	Cardiac Markers	Hypertension*
		CK-MB	Renin*
Anemia	Inflammation	Myoglobin	Aldosterone*
Ferritin	PCT	Troponin I	
Vitamin B12	CD14-ST*	BNP	Adrenal
Folate	IL-6*		Cortisol
			ACTH
			DHEA-S
			17-OH Prog*

Integration Excellence in Compact Environments

* Launching soon



Technical Specifications	
Measurement principle	Micron superparamagnetic particles platform with alkaline phosphatase (ALP) labeled reagents and AMPPD substrate
Throughput	Up to 240 tests/hour
Sample capacity	70 samples with Continuous loading and offloading by racks
Sample/reagent probe	Steel probe, liquid level detection, clot detection feature, Horizontal and vertical collision protection
Sample volume requirement	10~200µl, with increment of 1µl
Sample dilution	Automatic with 1:2~1:80
Reagent positions	Reagent Disk with 25 positions & continuous loading feature & real time mixing of magnetic particles
Reagent pack size	2 x 50T and 2 x 100T
Magnetic separation assembly	4-phase magnetic separation with Real-time mixing for magnetic particles
Reagent volume requirement	10~200µl, with increment of 1µl
Reagent scanning	Built-in/External bar code reader
Temperature maintenance	Cooling System 2~8 °C, Constant Substrate heating
Temperature accuracy	37±0.3 °C
Substrate bottle	300/500 tests per bottle and bottom piercing feature
Substrate loading	Capable of continuous loading during testing
Substrate aspiration volume	200µl
Signal detector	Photomultiplier (PMT) photo counter; Calibration by LED reference module
Incubation Positions	103 with precise temperature control
Mixing unit	Non-touch vortex mixing
Cuvette Loading	1200 pieces for each analyzing module. Disposable plastic cuvette, continuous loading by cuvette dumping
Dimension & weight	1145mm*873mm*1230mm (W*D*H) & 320Kg
Noise	Working: 65dBA I Standby: 60dBA
Relative humidity	35%RH – 80%RH, without condensation
Power supply	220V-240V(±10%), 50Hz/60Hz(±1Hz) I 110V-127V(±10%), 50Hz/60Hz(±1 Hz)
Input power	2500VA
Operating Temperature	15°C - 30°C
LIS	HL7 and ASTM1394 (communicating through the network interface or serial port)

Order information	
Item code	Product
4000004022	SYS LUMINA CHEMILUMINESCENCE IMMUNOASSAY ANALYZER

** Touch screen with arm is at extra cost



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