

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	10~200ul, 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	3-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	100-240V~50/60Hz
Input Power	500VA
Operating Temperature	15~30 °C
Relative Humidity	35%RH~85%RH, without condensation
Dimension	860mm*740mm*560mm (W*D*H)
Weight	132Kg
Altitude Height	-400m~3000m (70kpa)



CL-960i

Chemiluminescence analyzer

180 Test/hr



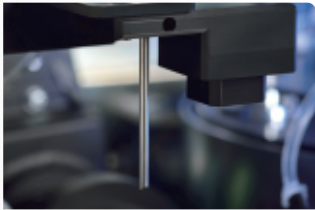
‘Precise, Fast & Compact’
Fully automated CLIA analyzer



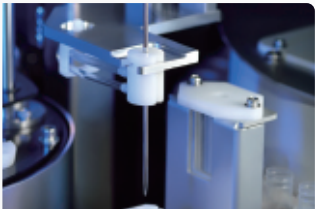
CL-960i The right size for your lab



Precise magnetic separation with consistent performance reliability



Solid-liquid waste separation
Environmental friendly



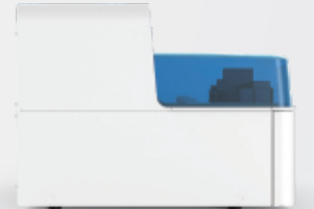
Wiper washing technology
Enhance efficiency and minimize carryover



One-key start
Extremely easy to use



Intuitive software interface
Easy access to all functions



Intelligent consumables management

Test Menu

Thyroid	Infectious Disease	Fertility	Tumor marker	ToRCH	Hypertension	Anemia
FT3	HIV Combo *	Total β -HCG	CEA	Toxo IgG*	Angiotension I*	Ferritin
FT4	HBsAg *	FSH	AFP	Toxo IgM*	Angiotension II*	Vitamin B12
T3	Anti-HBs*	LH	CA125	Rubella IgG*	Renin*	Folate
T4	HBeAg*	Prolactin	CA15-3	Rubella IgM*	Aldosterone*	RBC Folate
TSH	Anti-HBe*	E2	CA19-9	CMV IgG*		
Anti-TG	Anti-HBc *	E3	FPSA	CMV IgM*	DS' Screening	Growth Hormone
Anti-TPO	Anti-HCV*	TESTO	TPSA	HSV-1/2 IgG*	PAPP-A*	hGH*
Tg	Anti-TP (Syphilis)*	PROG	NSE	HSV-1/2 IgM*	Free β -HCG*	IGF-1*
rT3	HBeAg quantitative*	Free testosterone*	CYFRA 21-1	HSV-1 IgG*		
TRAB*	Anti-HBc IgM*	17-OH PROG*	CA72-4	HSV-2 IgG*	Liver Fibrosis	
		SHBG*	PG I*		LN	
Bone	Cardiac	AMH*	PG II*		HA	
Metabolic	CK-MB		SCCA*	Adrenal Function	PIIINP	
Intact PTH	Myoglobin	Diabetes	HE4*	DHEA-S	CIV	
Calcitonin	Troponin I	Insulin	ProGRP*	Cortisol		
Vitamin D total	BNP	C-peptide	CA50	ACTH	Inflammation	
			CA242		PCT	

* Coming Soon