

HORIBA



Automated Chemiluminescence Immunoassay (CLIA) Analyzer

Yumizen
M300

Exceeding laboratory's expectations with Point-of-care Testing



- 6 independent sample positions
- Compatible for Whole blood, Serum & Plasma samples
- Automated sample and reagent barcode scanning

- 1 cartridge – 1 test concept
- Any time, any order, any combination
- Real HCT testing for whole blood sample



- 12 independent cartridge positions
- 6 independent reaction positions
- Continuous loading without interruption

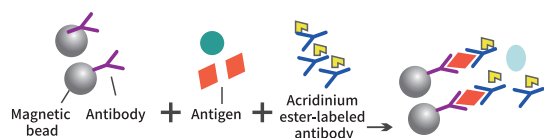
- 24 tests/hour throughput
- Rapid results as fast as 13.5 minutes
- 24 hour standby & auto wake-up



Direct Chemiluminescence Technology (Ae-CLIA)

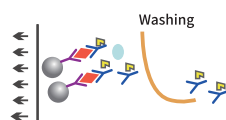
Step 1

Immune Reaction



Step 2

Magnetic Separation
& Washing



Step 3

Luminescence
Reaction



3-step Operation



Load Cassette



Load Sample



Click Start

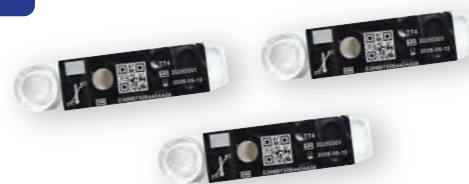
Reagents

Reagent Cartridge

60 tests/box, including calibrators

Storage: 2-8°C

Validity: 14-16 months



General Reagent Pack

Wash buffer

50 times/bottle,

Storage: 2-30°C, Validity: 14 months

Trigger solution

50 times/bottle,

Storage: 2-35°C, Validity: 14 months

Pre-trigger solution

50 times/bottle,

Storage: 2-8°C, Validity: 14 months



Comprehensive Test Menu:

Thyroid Function	Fertility & Hormones	Cardiac Marker	Tumor Marker	Inflammation Marker
TSH	Total β -HCG	TnI*	CEA*	CRP + hsCRP*
TT4	FSH	hs-TnI *	tPSA*	IL-6*
FT4	LH	CK-MB *	fPSA*	PCT*
TT3	PRL	NT-proBNP *	CA15-3*	SAA*
FT3	PROG	MYO*		Anti-CCP*
Anti-TPO	E2	H-FABP*	Brain Injury	
TG*	TESTO	sST2*	S100*	Coagulation Marker
Anti-TG*	AMH	Lp-PLA2*	NSE*	D-Dimer*
		BNP*		FDP*
				TAT*
				TM*
				PIC*
				tPAI.C*
				*Upcoming
Metabolism	Anemia			
25-OH VD	Ferr			
iPTH	VB12			
hGH				
Insulin				

Specifications:

Principle	Chemiluminescence Immunoassay Technology (CLIA)
Sample Position	6
Reagent Position	12
Test Channel	6
Sample Type	Whole Blood, Plasma, Serum
Time to First Result	13.5 minutes
Display	12.1 inch touchscreen
Printer	Built-in Thermal Printer
Interface	RJ-45, USB, etc.
Dimensions	385(W) x 620(L) x 600(D) mm
Weight	45 kg
LIS/HIS Connectivity	HL7 protocol
Operating Conditions	Temperature: 10°C - 30°C Relative Humidity: 30% - 70%, non-condensing Pressure altitude: 61.6 kPa - 106.0 kPa
Operating Altitude	≤ 4000m
Power Supply	AC power supply: 100V - 240V (±10%), 50/60 Hz Input power: 180VA

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HORIBA CARE

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