INNOVATION · MANUFACTURE · INTEGRATION · SERVICE



AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER

Autobio Diagnostics Co., Ltd.

Offers more than 400 in vitro diagnostic products including CLIA (microplate based CLIA and magnetic particle based CLIA), ELISA, POCT (Point of Care Test), Microbiology and Biochemistry. As an ISO9001 and EN ISO13485 manufacturer, Autobio supplies high quality products through its well established sales network and is renowned as a reliable partner. For details please visit www.autobio.com.cn

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AutoLumo A2000 Plus



Specification

Throughput: up to 200T/H
Time to 1st result: approximate 20 mins
RV loader capacity: 1000 pcs
Sample loading capacity: 100

Sample pipette volume: 5-150ul STAT available Sample dilution factor: 10-100 Liquid level detection and clot detection

Onboard reagent capacity: 24 racks
Onboard reagent storage: 4-10 °C
Real-time replacement of reagent (by appointment)
Reagent residue calculation: by the rest number left

Substrate: Substrate A+B
Substrate volume: 100ml for each
Substrate pipetting volume: 50ul fixed, CV<2%
Substrate switching: 2 sets of substrates available on board by automatic switch



Carry-over: <1ppm Incubation temperature:37 C ±0.5 C Reaction mode: 1 step and 2 steps

Size (W*D*H, mm): 1374*950*1200 Weight: approximate 390kg Power supply: AC 100-230V, 50/60Hz, 800VA Working temperature: 18-30°C

LIS communication: based on RS232 port





RV Loading Module

Independent reaction vessel
Up to 1000 pcs per batch with continoues loading
Automatically supply RV by "on -the -fly" chain
Intelligently detect the amount of RV



12 Channels washing system5 times magnetic separation cleaning





Incubation and Reaction Plate

192 reaction positions in 3 rings Constant 37°C incubation



Up to 24 reagent positions on board with refrigeration at 4-10 $^{\circ}\mathrm{C}$

Continuously mixing the magnetic particle suspension

 $\hbox{\it Dual substrate switched automatically}$





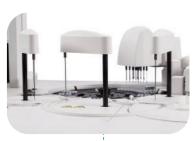
Sample Loading Module

5 sample positions per pack
Up to 100 samples loading capacity per batch
Priority position for STAT samples
Up to 200 tests processing capacity per hour

Online Reagent Changing

Onboard change of reagent by appointment without hatch-open





Fixed Pipette Probe

Excellent rinsing system makes carry-over <1ppm Liquid -level and blood coagulation detection system Sampling volume : 5ul-150ul On board sample dilution up to 100 times

Cabins for Consumables and Wastes

Ordinary wash, System wash, Distilled wash, Liquid waste, Dual substrate





AutoLumo 12000 Plus



Instrument Software

Multi-Language interface, easy to use
Various data processing mode
Intelligent display system
Perfect operation menus
Intact QC management

Temperature and consumables monitoring service

Edit, storage, search and print function

Alarm of consumables insufficient





Abnormal test result display
Instrument trouble position system
Connection to LIS via COM



Tumor Markers	HBV	Thyroid
AFP	HBsAg	Т3
CEA	Anti-HBs	Т4
tPSA	HBeAg	TSH
CA50	Anti-HBe	FT3
fPSA	Anti-HBc	FT4
CA125	HBV PreS1-Ag	Anti-TG
CA15-3	Anti-HBc IgM	Anti-TPO
CA19-9	Infectious Diseases	TG
Ferritin	Anti-HCV	PTH
β 2-Microglobulin	HAV IgM	rT3*
NSE	HEV IgM	Endocrine Hormone
CYFRA 21-1	HEV IgG	LH
SCCA	Anti-HIV 20	FSH 💮
CA72-4	HIV Ag/Ab Combo	PRL
CA242	Anti-TP	Testosterone
HE4	Hypertension	E2
ProGRP	Aldosterone	PRG
Pepsinogen I	ACTH	DHEA-S
Pepsinogen II	Cortisol	SHBG
Bone Metabolism	Renin	17α-ΟΗΡ
Osteocalcin	Angiotensin II	АМН
Calcitonin	TORCH	Hepato Fibrosis
25-OH Vitamin D	Toxo IgM	PIIINP
PTH	CMV IgM	CollV
Pre-natal	Rubella IgM	LN
Free β-HCG	HSV-1 IgM	НА
P-AFP	HSV-2 IgM	CG*
β-HCG	Toxo IgG	Inflammation Monitoring
uE3	CMV IgG	hs-CRP
PAPP-A	Rubella IgG	PCT
Allergy	HSV-1 IgG	IL-6
tlgE	HSV-2 lgG	Cardiac Markers
Diabetes	Anemia	MYO
Insulin	Vitamin B12	cTnl
C-Peptide	Folate	CK-MB
Growth Hormone	Ferritin	NT-proBNP
IGF-1	Tuberculosis	BNP*
HGH	TB-IGRA	HS-cTnT*

*Coming Soon