

Automatic Luminescence
Immunoassay Analyzer

AutoLumo S900

Infinity in Limited Size



HEXAGONAL WARRIOR



DESIGN AS WHAT YOU CARE ABOUT



Specification

- Touch Screen Operation: 15.6 inch screen
- Throughput: 180 T/h, 392 T/h/m²
- Time to 1st Result: 19 mins
- RV Loading Capacity: 1000 pcs, continuous loading
- Sample Loading Capacity: 51 samples including 3 independent STAT positions
- Sample Pipette Volume: 8-150 μ L
- Sample Dilution Factor: up to 2601-fold
- Anti-collision detection, liquid level detection, air aspiration and probe blockage detection
- Onboard Reagent Capacity: 16 positions, continuous reagent loading with appointment
- Onboard Reagent Storage: 2-8 °C, 24 h independent cooling in sleep mode
- Reagent Scanning: RFID
- Incubation Temperature: 37 \pm 0.3 °C
- Sample Probe Carry-over: \leq 0.1 ppm
- Size (W*D*H) : 576 x 796 x 654 mm
- Weight: 85 kg

01 Small but Efficient

- Automatic CLIA system
- Ultra-high throughput, space efficiency is up to 392 T/h/m²
- Up to 16 items for one sample at one time
- 3 independent physical STAT channel



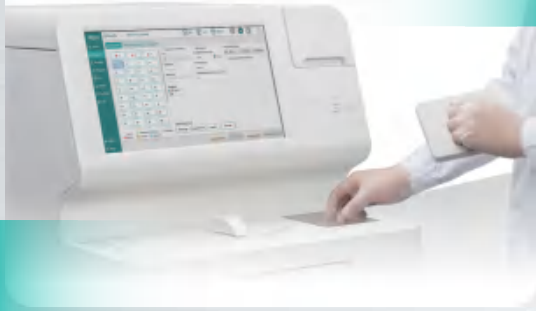
02 Long Walk Away Time

- Large capacity of reaction vessels, 1000 pcs by pouring
- Consumables replenishment in low frequency
- One set of substrate supports 2000 tests

03 Simple Operation

- Touchscreen interface
- Random access of reagent and sample loading
- Visual management of consumables
- Independent reagent refrigerator in sleep mode





04 Precise and Reliable Result

- Special-designed wash station
- Five-stage swimming magnetic separation cleaning
- Eccentric non-contact vortex mixing technology
- Support anti-collision detection, liquid level detection, air aspiration and probe blockage detection functions

05 Cost-saving of Consumables

- Steel probe instead of disposal tips for sample pipette
- Less wash buffer consumption
- Independent cooling system, power saving and time saving



06 Long Term Planning

- Comprehensive test menu: 150+ items and continuous update
- Special items: TB-IGRA, autoimmune panel, tumor markers, ToRCH

CLIA Microparticles

Tumor Markers

AFP	CA242
CEA	HE4
tPSA	ProGRP
CA50	PIVKA-II
fPSA	G-17
CA125	HER-2/neu*
CA15-3	S100*
CA19-9	Pepsinogen I
Ferritin	Pepsinogen II
NSE	CYFRA 21-1
SCCA	β2-Microglobulin
CA72-4	

Infectious Diseases

Anti-HCV	HIV Ag/Ab
HAV-IgM	Combo
HEV-IgM	Anti-TP
HEV-IgG	HP-IgG
Anti-HIV	Anti-HTLV*

Endocrine Hormone

LH	PRG
FSH	DHEA-S
PRL	SHBG
Testosterone	17α-OHP
E2	AMH

Inflammation Monitoring

hs-CRP	D-Dimer
PCT	Lp-PLA2*
IL-6	

HBV

HBsAg	Anti-HBc
Anti-HBs	HBV PreS1-Ag
HBeAg	Anti-HBc IgM
Anti-HBe	

ToRCH

Toxo IgM	Toxo IgG
CMV IgM	CMV IgG
Rubella IgM	Rubella IgG
HSV-1 IgM	HSV-1 IgG
HSV-2 IgM	HSV-2 IgG

Diabetes

Insulin	C-peptide
---------	-----------

Hepato Fibrosis

PIIINP	HA
Col IV	CG
LN	

Growth Hormone

IGF-1	IGFBP-3
HGH	

Thyroid

T3	Anti-TPO
T4	TG
TSH	PTH
FT3	rT3
FT4	TRAb
Anti-TG	

Hypertension

Aldsterone	Renin
ACTH	Angiotensin II
Cortisol	

Pre-natal

Free β-HCG	uE3
P-AFP	PAPP-A
β-HCG	Inhibin A*

Respiratory Disease

M.pneumoniae IgM	L.pneumophila IgM
M.pneumoniae IgG	Enterovirus 71 IgM
C.pneumoniae IgM	Coxsackie B IgM
RSV IgM	Influenza A IgM
Adenovirus IgM	Influenza B IgM

Cardiac Markers

MYO	hs-cTnT
cTnI	BNP
CK-MB	H-FABP
NT-proBNP	

EBV

VCA-IgA*	VCA-IgG*
EA-IgA*	NA-IgA*
EA-IgG*	NA-IgG*
VCA-IgM*	

Bone Metabolism

Osteocalcin	25-OH Vitamin D
Calcitonin	PTH

Autoimmune Liver Disease

Anti-gp210 IgG	AMA-M2 IgG
Anti-sp100 IgG	

Antiphospholipid Syndrome

Anti-β2-GP1	Anti-CL
Anti-β2-GP1 IgA	Anti-CL IgA
Anti-β2-GP1 IgG	Anti-CL IgG
Anti-β2-GP1 IgM	Anti-CL IgM

Connective Tissue Disease

ANA IgG	Anti-SS-A/Ro IgG
Anti-dsDNA IgG	Anti-Ro-52 IgG
Anti-SS-B IgG	Anti-Scl-70 IgG
Anti-Sm IgG	Anti-Jo-1 IgG
Anti-rib P IgG	Anti-nRNP/Sm IgG

Vasculitis

Anti-PR3 IgG	Anti-MPO IgG
Anti-GBM IgG	

Rheumatoid Arthritis

Anti-CCP IgG	RF IgG
RF	RF IgA
RF IgM	

Autoimmune Diabetes

IAA	IA-2A
GADA	ICA

Anemia

Folate	Ferritin
Vitamin B12	

Tuberculosis

TB-IGRA

Allergy

tIgE

Innovation · Manufacture · Integration · Service

Autobio Diagnostics Co., Ltd.

offers more than 600 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 en.autobio.com.cn.

Autobio Diagnostics Co., Ltd. | No.199, 15th Ave, National Eco & Tech Zone,
Zhengzhou, China, 450016

You can find us on:

Facebook: @AutobioGlobal
Youtube Channel: Autobio Diagnostics
Email: info@autobio-diagnostics.com
WhatsApp: +8618595767835
Tel: +86 371 6200 7036

2025.01.07

