

#### 01 Fixed Pipette Probe Module

- Onboard sample dilution up to 2601-fold
- Intelligent liquid level and clot detection system
- Sample & reagent adding by one needle
- Vacuum Washing Station to avoid high carry-over

#### 02 Innovative "RIDE" Module

- Integrated Elution, Injection, Reading & Discard Module
- 5-times magnetic washing provides lower background

#### 03 Reagent Module

- Independent refrigerating system after outage
- Up to 25 reagent positions available
- Reagent stability onboard up to 28 days
- Online-reagent change without interruption

#### 04 Reaction Vessel Module

- Up to 160 pcs per batch (80 pcs x 2 cassettes)
- Continuous loading and offloading

#### 05 One-stop Consumable Panel

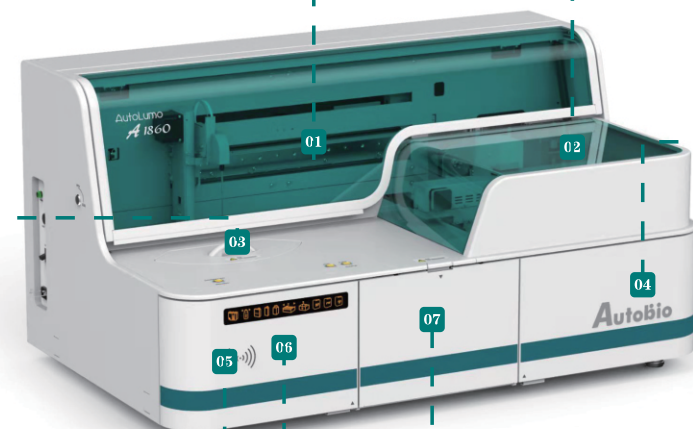
- 8 mm colored panel indicating consumables left
- RFID scanning of consumables

#### 06 Substrate Module

- Dual substrate onboard with automatic switching

#### 07 Sample Loading Module

- Loading capacity of 60 samples per batch
- STAT position of 1 channel(5 STAT Positions)
- Continuous loading and offloading available
- Random access



# AutoLumo A1860

## AUTOMATIC LUMINESCENCE IMMUNOASSAY ANALYZER



INNOVATION · MANUFACTURE · INTEGRATION · SERVICE

### 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 [en.autobio.com.cn](http://en.autobio.com.cn). Autobio Diagnostics Co., Ltd. | NO.87 Jingbei Yi Rd | National Eco & Tech Zone | Zheng zhou City | China 450016.



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## Specification

- Throughput: 180T/h
- Time to 1<sup>st</sup> Result: 21 mins
- RV Loading Capacity: 80 X 2 pcs
- Sample Loading Capacity: 60 samples with 1 STAT channel
- Sample Pipette Volume: 8 - 150 µL
- Sample Dilution Factor: up to 2601-fold
- Liquid Level Detection and Clot Detection
- Onboard Reagent Capacity: 25 racks
- Onboard Reagent Storage: independent refrigerating system
- Real-time Replacement of Reagent by Appointment
- Consumables Residue Calculation (LED Monitor and Software Monitor)
- Substrate: Substrate A+B
- Substrate Volume: 100 mL for each
- Substrate Switching: 2 sets of substrates available on board with automatic switching
- Carry-over: < 1 ppm
- Reaction mode: 1 step and 2 steps
- Size (W\*D\*H, mm) = 1200 x 736 x 635 mm
- Weight: 183 kg

## Smarter Versatile and strong, brings more accurate results

- Lower Carryover  
Surrounding washing by vacuum brings low carryover, especially beneficial to infectious disease items
- Reduce failure rate  
Stepping work station for magnetic separation. Integrated Elution, Injection, Reading & Discard Module.
- Lower background  
Bi-directional swimming for washing, decrease non-specific absorption.
- Improve precision  
Innovative vibration mixing. Fully mixed within 1.8s.

## Simpler Easy operation and save time

- Consumable Management  
Visual management of consumables, automatic switch of dual-substrate.
- Reagent Management  
Keep cooling after switch off. Random access.
- Auto-retesting  
Auto-repeat and auto-dilution.

# CLIA Microparticles

Autobio  
Product List

### 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
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### 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
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### Allergy

tIgE
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