

INNOVATION · MANUFACTURE · INTEGRATION · SERVICE



AutoLumo *A2000* Plus

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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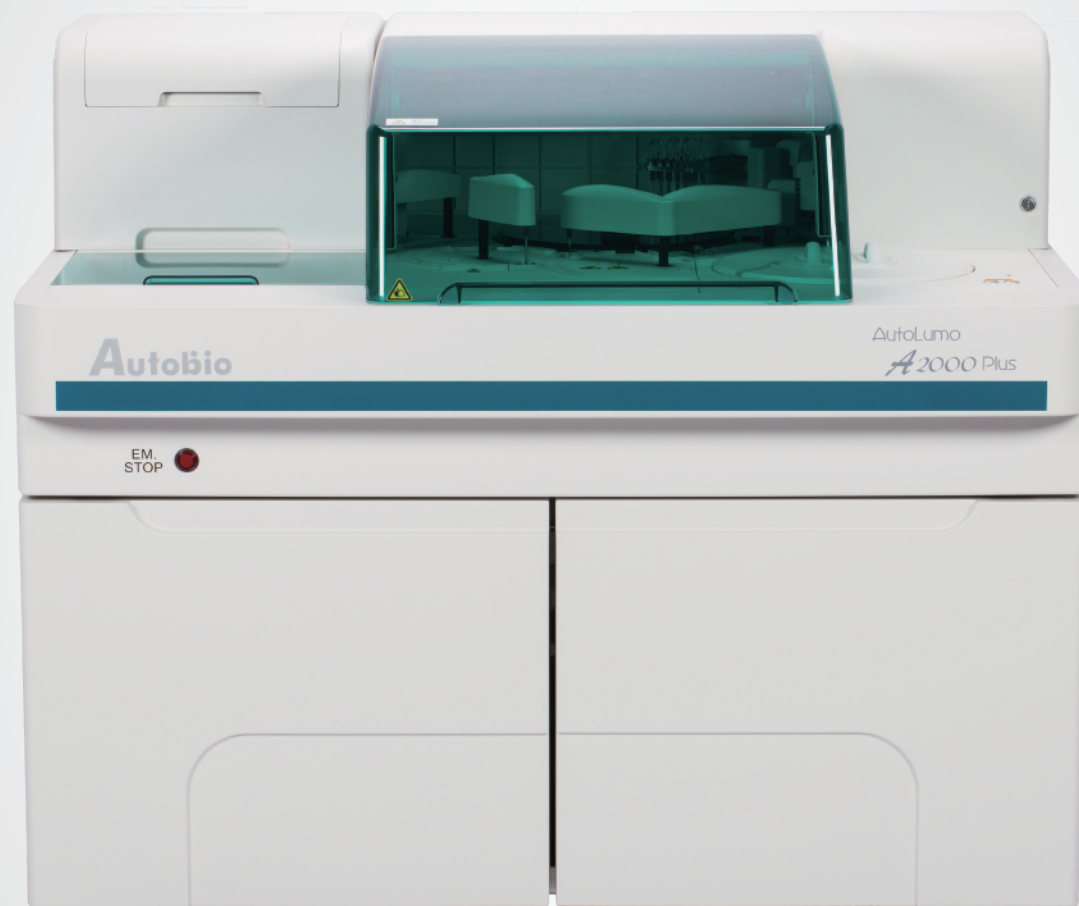
info@ghrasa.com

www.ghrasa.com

Flyer A2000 P 20210730



AutoLumo *A2000* Plus



One choice
for more convenience



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

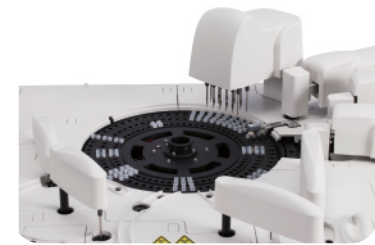


One choice
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RV Loading Module

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



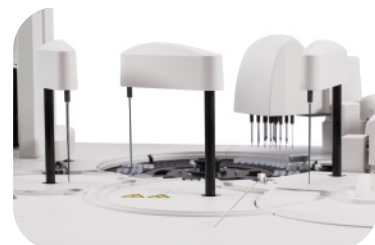
Incubation and Reaction Plate

192 reaction positions in 3 rings
Constant 37°C incubation



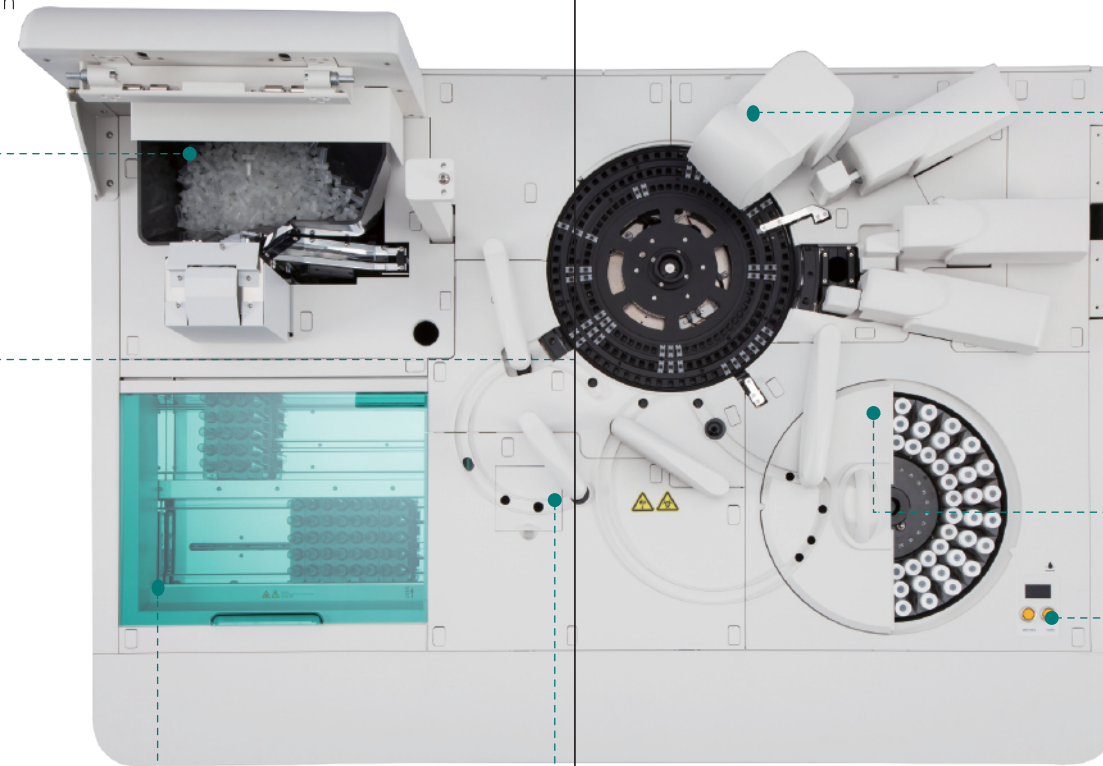
Sample Loading Module

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



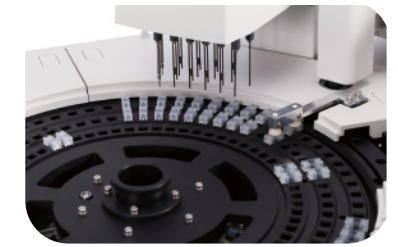
Fixed Pipette Probe

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



Washing Station

12 Channels washing system
5 times magnetic separation cleaning



Reagent Module

Up to 24 reagent positions on board with refrigeration at 4-10°C
Continuously mixing the magnetic particle suspension
Dual substrate switched automatically



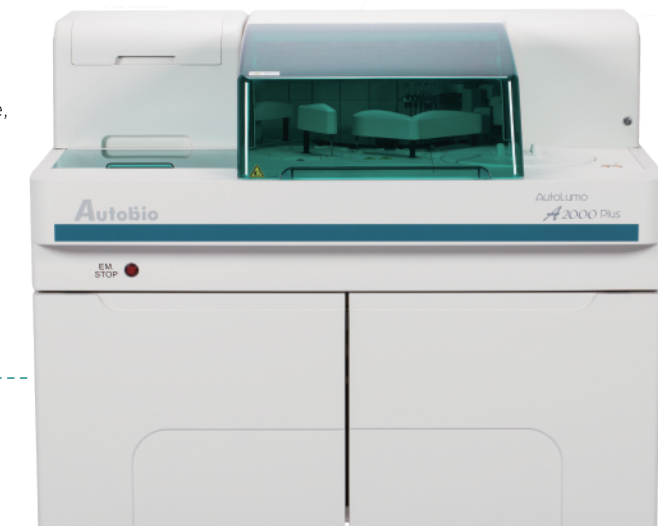
Online Reagent Changing

Onboard change of reagent by appointment
without hatch-open



Cabins for Consumables and Wastes

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



AutoLumo A2000 Plus



Powerful Software Optimizes Your Laboratory

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



CLIA Microparticles

Autobio
Product List

Tumor Markers

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

Infectious Diseases

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

Endocrine Hormone

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

Inflammation Monitoring

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

HBV

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

ToRCH

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

Diabetes

- Insulin
- C-peptide

Hepato Fibrosis

- PIIINP
- Col IV
- LN
- HA
- CG

Growth Hormone

- IGF-1
- HGH
- IGFBP-3

Thyroid

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

Hypertension

- Aldsterone
- ACTH
- Cortisol
- Renin
- Angiotensin II

Pre-natal

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

Respiratory Disease

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

Cardiac Markers

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

EBV

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

Bone Metabolism

- Osteocalcin
- Calcitonin
- 25-OH Vitamin D
- PTH

Autoimmune Liver Disease

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

Antiphospholipid Syndrome

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

Connective Tissue Disease

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

Vasculitis

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

Rheumatoid Arthritis

- Anti-CCP IgG
- RF
- RF IgM
- RF IgG
- RF IgA

Autoimmune Diabetes

- IAA
- GADA
- IA-2A
- ICA

Anemia

- Folate
- Vitamin B12
- Ferritin

Tuberculosis

- TB-IGRA

Allergy

- tlgE