

Menu

Thyroid

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

Fertility

FSH
LH
Prolactin
β-hCG
AMH
SHBG
DHEA
17 α-OHP
Estradiol
Testosterone
Progesterone

Anemia

Ferritin
FA
VB12

Bone Metabolism

OST*
CT*
25-OH VD
PTH

Pre-Natal

f-β-HCG
P-AFP
u-E3
PAPP-A
Inhibin-A*

Autoimmune

ANA
Anti-SS-A/Ro IgG*
Anti-Ro-52 IgG*
Anti-SS-B IgG*
Anti-Scl-70 IgG*

Anti-dsDNA IgG
Anti-Jo-1 IgG*
Anti-Sm IgG*
Anti-nRNP/Sm IgG*
Anti-rib P IgG*

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

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

Anti-β2-GP1 IgA*
Anti-β2-GP1 IgG*
Anti-β2-GP1 IgM*
Anti-PR3 IgG*
Anti-MPO IgG*

Anti-GBM IgG*
AMA-M2 IgG*
Anti-gp210 IgG*
Anti-sp100 IgG*
GADA*

IAA IgG*
ICA IgG*
IA-2A IgG*
ZnT8A IgG*

Tumor marker

AFP
CEA
CA50
CA125
CA15-3
CA19-9
β2-MG
CA72-4
SCCA
NSE
CYFRA 21-1
PSA
fPSA
HE4
CA242*
PGI*
PGII*
ProGRP*
Ferritin
Pivka-II

Cardiac Markers

CK-MB
cTnl
MYO
NT-proBNP
BNP*
Trop T

Hepato fibrosis

Col IV
PIII NP
HA
LN
CG

Diabetes

Insulin
C-Peptide

Infectious disease

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

Hepatitis B

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

TORCH

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

Tropical Diseases

Dengue IgG
Dengue IgM
Dengue NS1
Chikungunya-IgM*
Malaria Ag*
Leptospira IgM*
Typhoid*
Filariasis Ab
Scrub typhus Ab

RTI & Other infection

Mycoplasma pneumonia IgG*
Mycoplasma pneumonia IgM*
Chlamydia pneumonia IgM*
Anti-Respiratory Syncytial Virus*
Adenovirus IgM*
Enterovirus71 IgM*
Coxsackie Virus IgM*
Influenza A Virus IgM*
Influenza B Virus IgM*
Anti-Parainfluenza IgM Virus*

SARS-CoV-Panel

SARS-CoV-2 IgG
SARS-CoV-2 IgM
Anti-SARS-CoV-2 RBD
SARS-CoV-2 NAb(Quantitative)

Inflammation

hS-CRP
Helicobacter pylori IgG
Helicobacter pylori IgM*
PCT
IL-6

Coagulation

D-Dimer

Hypertension

Cortisol
ACTH
Cortisol
Renin
Angiotensin II

Growth

IGF-1
HGH

Others

TB-IGRA
IGE

(*Coming Soon)

Autolumo A2000 Plus Specifications:-

Model Name	AutoLumo A2000 Plus-Fully automated CLIA(Chemiluminescence Immuno Assay)analyzer
Principle	Glow Chemiluminescence- CLIA
Type	Floor Module Analyser
Test Menu	More than 100 parameters
Mode of Operation	Random access and batch mode
Sample Loading	100 samples at a time and continuous loading
STAT Option	Yes
Throughput	200 Tests/hour
Sample Pipetting	Dedicated sample probe
Reagent Pipetting	Dedicated Separate reagent probes R1 & R2
No of Reagent Positions	24 Positions (it won't consume extra position for diluent)
Onboard Cooling System	Available 2 to 8° c.
Auto Dilution Facility	Available
Time to First Result	At 18 th min.
Sample Type	Serum or plasma
Assay Type	1 step assay (15 min incubation, 2 step assay (30 min incubation)
Barcode Scanning for Sample	Available
Barcode Scanning for Reagent	Available
Sample Loading Type	Primary tube and cups are acceptable
Intelligent Alarm Indication	Yes
Liquid Level Detection	Yes
Collision Protection	Yes
Clot Detection	Yes
Abnormal Result Flag	Yes
Suction Error Indication	Yes
No Carry Over	Probe are coated with teflon to avoid sticky material. Probes do internal and external washing.
Detection System	PMT
Measuring Units	RLU (Relative Light Units)
Measuring RLU Range	0 to 1600000000 RLU'S
Interfaces	Unidirectional & Bidirectional - LIS & HIS
Operation	BY dedicated PC (RS232 & RJ45 cable)
Results Storage	More than 5 lacs.
Reagent Storage	2 to 8° C.
Calibrators	Inbuilt with kit - (No additional cost)
Controls	Inbuilt with kit - (No additional cost)
Consumables	CLIA substrate, Universal diluent, Wash buffer, System wash, Reaction vessels.
Assay Calibration	6 Point calibration
Calibration Stability	28 days for all assays
Reaction Vessels Loading Capacity	1200 nos. (Individual reaction vessels)
Assay Incubation	At 37° C.
Sample Volume	5 to 150 µl (based on assay)
Onboard Reagent Mixer	Available
Consumables Indication on Screen	Available
LJ.QC Management	Available
Instrument Size	W*D*H (1470*835*690mm)
Special Parameters	Dengue, TB IGRA, HIV, HBsAg, HCV, HEV IgG, HEV IgM, AMH, 17OHP and complete TORCH panel includes HSV- 4 parameters.

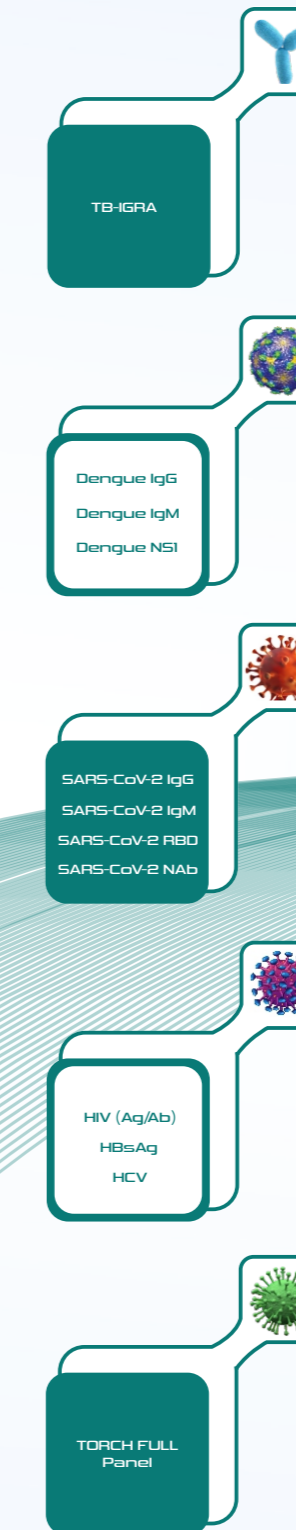
Matrix Labs Diagnostics Pvt. Ltd.,

* Matrix Towers* 3rd Floor, S.No-114/13A, 13B, 12B, 12AE,
Ponnamman Kovil Street, Noombal,
Chennai-600077, India.
+91-044-26793885 / 87 / Toll free : 1800210713,
info@matrixlabs.in, www.matrixlabs.in



Autolumo A2000 Plus

Fully Automated Chemiluminescence Immunoassay Analyzer



“Touching Human Lives Through Innovation”





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

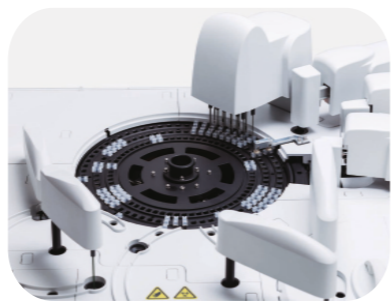
- Temperature and consumables monitoring service Edit, storage, search and print function
- Alarm of consumables insufficient



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



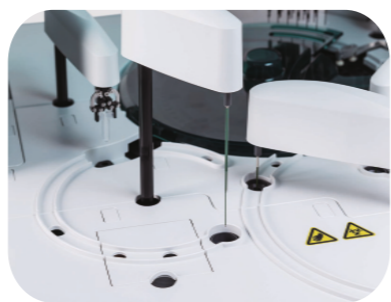
RV Loading Module
Independent reaction vessel
Up to 1000 pcs per batch with continues loading
Automatically supply RV by "on -the -fly" chain
Intelligently detect the amount of RV



Incubation and Reaction Plate
192 reaction position in 3 rings
Constant 37 C incubation



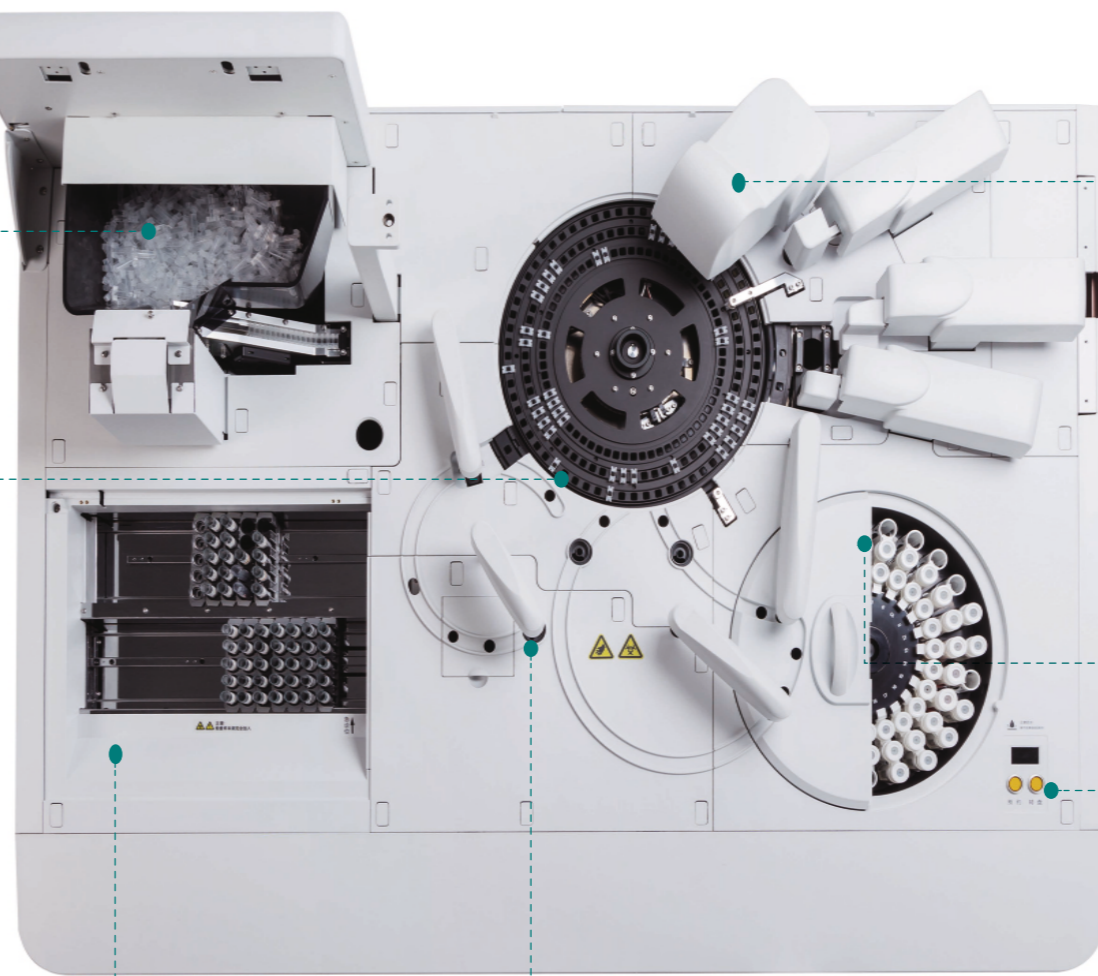
Sample Loading Module
5 sample positions per pack
Up to 100 samples loading capacity per batch
Priority position for STAT samples
Up to 200 tests processing capacity per hour



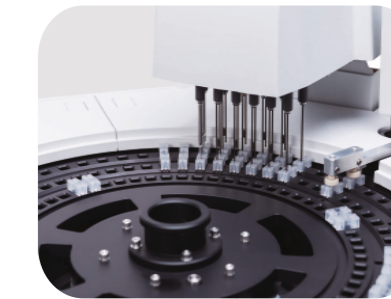
Fixed Pipette Probe
Excellent rinsing system make carry-over <1ppm
Liquid -level and blood coagulation detection system
Sampling volume : 5ul-150ul
On board sample dilution up to 100 times



Reagents Pack With Calibrators



Washing Station
12 lines washing system
6 times magnetic separation cleaning



Reagent Module
Up to 24 reagent position on board with refrigeration at 4-10 C
Continuous mixing the magnetic particle suspension
Dual substrates switched automatically



Online Reagent Changing
Onboard change for reagent by appointment without hatch-open



Cabins for Consumables and Wastes
ordinary wash, system wash, distilled wash, liquid waste, dual substrates

