

➡ Specification

- Throughput: 180T/h
- Time to 1st 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 by 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.



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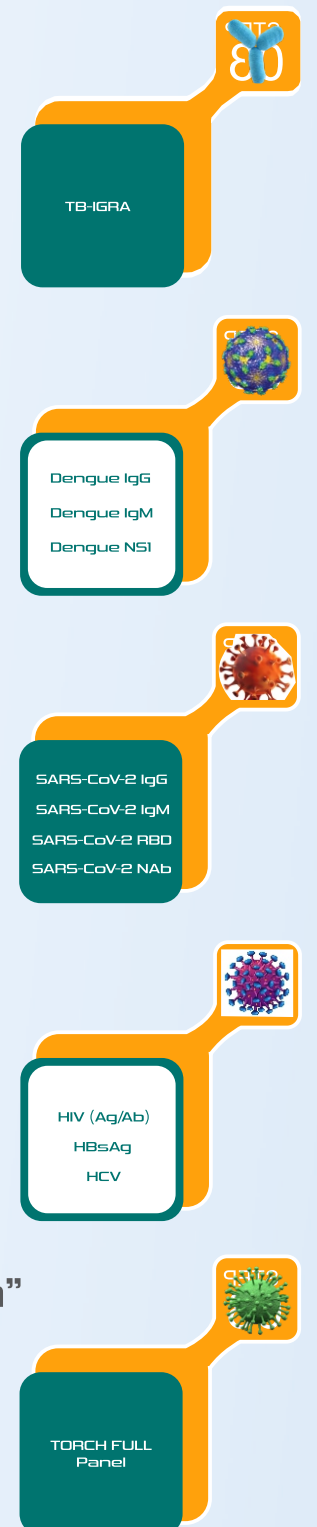
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Wave Biotech Inc

Autolumo A1860

Fully Automated Chemiluminescence Immunoassay Analyzer



“Touching Human Lives Through Innovation”

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 avoid high carry-over

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

02 Innovative "RIDE" Module

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

04 Reaction Vessel Module

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

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

06 Substrate Module

- Dual substrate onboard by automatic switching

05 One-stop Consumable Panel

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

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

Diabetes

Insulin
C-Peptide

Growth

IGF-1
HGH

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

Cardiac Markers

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

Hepato fibrosis

Col IV
PIII NP
HA
LN
CG

Pre-Natal

f-β-HCG
P-AFP
u-E3
PAPP-A
Inhibin-A*

Infectious disease

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

Hepatitis B

HBsAg
HBsAb
HBeAg
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 IgG
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*

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
PCT
IL-6

Coagulation

D-Dimer

Hypertension

Cortisol
ACTH
Cortisol
Renin
Angiotensin II

Others

TB-IGRA
IGE

(*Under Development)