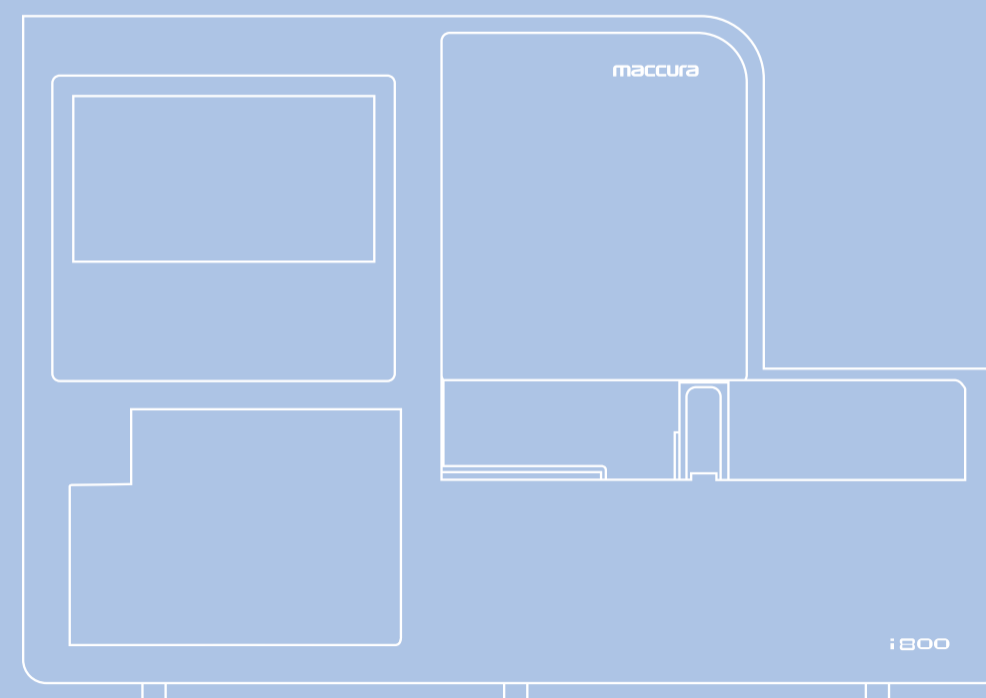


maccura

AUTOMATIC
CHEMILUMINESCENCE
ANALYZER

i800
Automatic Chemiluminescence Analyzer



NOTICE: This brochure is for reference purpose only and subject to change without notice.

MACCURA BIOTECHNOLOGY CO., LTD.

Add: 8#, 2nd Anhe Road, Hi-tech Zone, 611731 Chengdu
Tel: +86 28 8173 1888
E-mail: maccura@maccura.com www.maccura.com



WEBSITE



WECHAT

2022-07-11 i800

COMPACT YET POWERFUL

FAST

RELIABLE

BROAD TEST MENU

- i800 Automatic Chemiluminescence Immunoassay System uses Acridinium Ester (AE) direct chemiluminescence technology to ensure the accuracy of the results
- Small size with touch screen, high output per unit area
- 20 reagent positions and 50 sample positions, meeting the needs of basic-level laboratories daily detection or special and emergency projects in medium and large laboratories
- The throughput is 200 tests/hour, which can meet the daily needs of most laboratories
- Solid-liquid separation of waste cuvette to ensure biosafety
- Intelligent maintenance to meet the individual needs of different laboratories

i800
Automatic Chemiluminescence Analyzer



Compact Yet Powerful

Easy to use with built-in touch screen.
Compact design for various application scenarios.



Fast

Throughput: 200T/H.
Time to the first result: 14 minutes.

Reliable

Minimized cross-contamination, carry-over is less than 0.2 PPM.
Multiple magnetic separation system minimized magnetic beads loss and ensure perfect performance.

Broad Test Menu

More than 130 items in total.
Great performance for infectious disease testing.
Longest online stability.



Touch screen operation.
External mouse and keyboard
can be connected



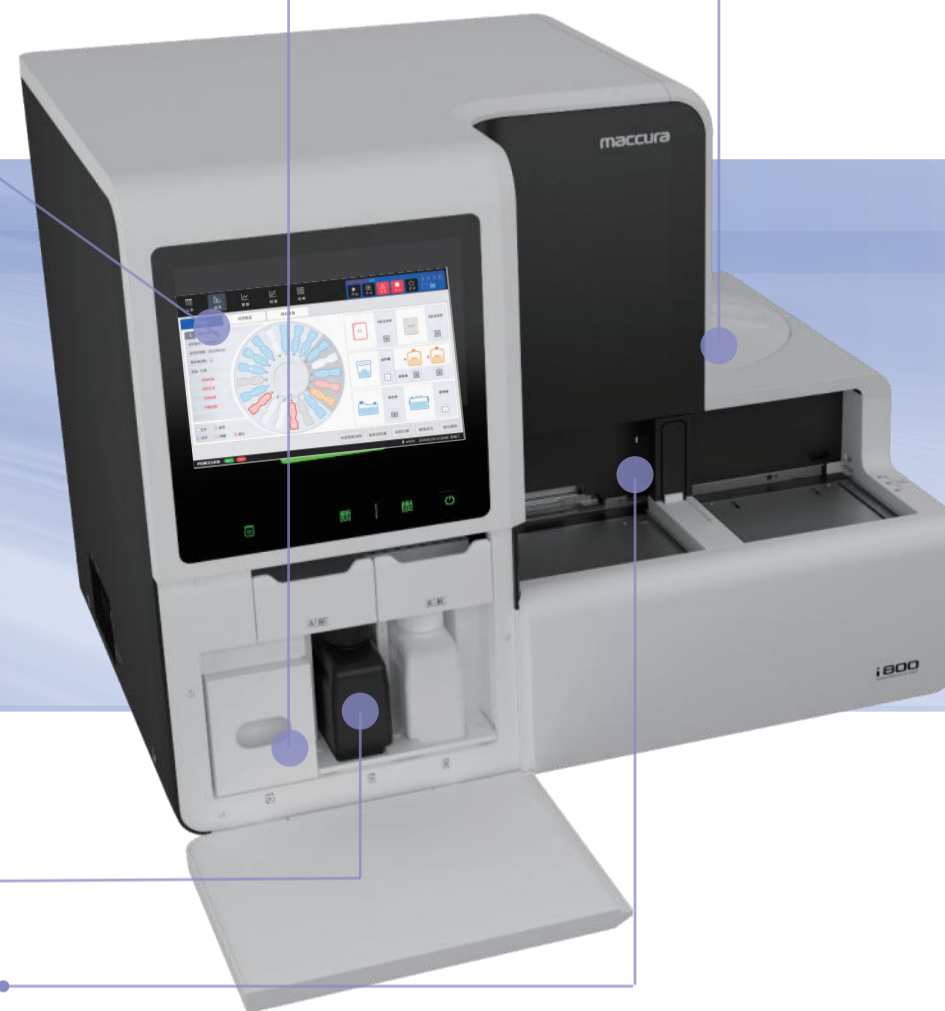
Used cuvettes recycling to
separate the solid and liquid,
which will efficiently reduce
the biological safety risks.



20 refrigerated reagent
positions, temperature: 2-8 °C

i800

Automatic Chemiluminescence Analyzer



RFID management for acti-
vators
Special design to prevent
the activators to be placed
incorrectly.



Dedicated STAT positions, STAT
sample can be detected emer-
gency.

i8000

Automatic Chemiluminescence Analyzer

INFECTIOUS DISEASES

HBsAg
HBsAb
HBeAg
HBeAb
HBcAb
HIV Ag/Ab
anti-TP
anti-HCV
anti-HAV IgM *
anti-HBc IgM *
HBV PreS1
anti-HDV IgM *
anti-HDV IgG *
anti-HEV IgM *
anti-HEV IgG *

AUTOIMMUNE ANAS

SSA(Ro52)
SSA(Ro60)
SSB(La)
Sm
Sm/RNP
Scl-70
Jo-1
His
AMA-M2
CENP-B
Rib-P
dsDNA
Nuc
PCNA *
PM-Scl *

TUMOR MARKERS

AFP
CEA
CA125
CA15-3
CA19-9
t-PSA
f-PSA
NSE
CYFRA21-1
SCC
CA50
pro-GRP
CA242
CA72-4
HE4

SEX HORMONES

LH
FSH
PRL
Prog
β -HCG
E2
Tes
AMH
17-OH Prog *
DHEA-SO4 *
hGH

ALLERGY

IgE

THYROID FUNCTION

TSH
FT4
TT4
FT3
TT3
anti-TPO
anti-TG
TRAb *
Tg
Calcitonin

TORCH EUGENICS

TOXO IgG
TOXO IgM
Rubella IgG *
Rubella IgM *
CMV IgG *
CMV IgM *
HSV 2 IgG
HSV 1/2 IgG
HSV 1/2 IgM

HYPERTENSION

ALD
Renin
Corti
ACTH
Angio-2 *

AUTOIMMUNE HEPATOSIS*

AMA-M2
LKM
sp100
SLA

AUTOIMMUNE DIABETES*

IAA
GADA
ICA
IA-2A

PRENATAL SCREENING

AFP
uE3
Free β -HCG
PAPP-A

CARDIAC MARKERS

CK-MB
cTnl
Myo
NT-Pro BNP
D-dimer
BNP
hs-cTnl
GDF-15
hs-cTnT
hs-CRP

ANEMIA

Ferr
FA
VB12

AUTOIMMUNE RHEUMATIC DISEASE

anti-CCP
RF

INFLAMMATION

PCT
IL-6

BONE METABOLISM

25-OH VD
iPTH

GLYCOMETABOLISM

C-Peptide
Insulin

SPECIFICATIONS

Performance

Technology: Automatic /single tube Principle: Acridinium Ester (AE) Direct Chemiluminescence immunoassay technology
Throughput: 200 Tests/h for one module
Time to the first result: 14min

Sample Module

Sample loading capacity: 50, loading with sample racks.
Automatic retest, STAT samples could be placed randomly and tested preferentially

Sample Loading System Module

Sample carry-over <0.1ppm
Foam/Clot and Liquid level detection / Volume tracking / Collision-avoidance
Sample type: Serum /Plasma /Whole blood /Urine

Reagent Module

20 reagent positions
Information management through Radio Frequency Identification Card (RFID)
Real-time, onboard mixture of magnetic beads
Reagent online replacement

Reagent Refrigerator

Temperature: 2-8 °C

Detection Module

Reaction temperature: 37°C
Mode: Compatible with the common immunoreaction
Mixing: Non-contact Stir
Magnetic separation: Multiple magnetic separation technology

Function

Operation system: Windows 7 and above
Display: LCD touch screen
Remote diagnosis system
Automatic startup & shutdown
Bi-directional communication

Environmental Requirements

Temperature: 10°C-30°C
Humidity: 30%-70%
Altitude: -200m-3700m

Application Situation

Blood Bank
CDC

Small to Middle Size Laboratories
COVID-19 Detection



i 800 Automatic
Chemiluminescence Analyzer
200T/H



AE Reagents

Product features

Compact Yet Powerful

Easy to use with built-in touch screen.
Compact design for various application scenarios.

Reliable

Minimized cross-contamination, carry-over is less than 0.2 PPM.
Multiple magnetic separation system minimized magnetic beads loss and ensure perfect performance

Fast

Throughput: 200T/H
Time to the first result: 14 minutes

Broad Test Menu

More than 130 items in total
Great performance for infectious disease testing
Longest online stability

Kit information

Products name	Sales Specification	Lot No.
SARS-CoV-2 neutralizing antibody kit (CLIA)	2×100 test/kit	EIM4415042
SARS-CoV-2 IgG Assay Kit (CLIA)	2×100 test/kit	EIM4407014
SARS-CoV-2 IgM Assay Kit (CLIA)	2×100 test/kit	EIM4407013