

Technical Parameters

System Function

Single-module colorimetric detection speed	1000 T/H
Single-module ISE detection speed	600T/H
Reaction principle	Photoelectric colorimetry and ion selective electrode method
Complete system for Maccura machine, reagents, QC and CAL	ISE module: ion selective electrode analysis
Support Third-party reagents	
Support HbA1c whole blood testing	

Reagent System

Reagent position	65 dual-reagent positions
Automatic reagent loading	Support
Reagent bottle	Integrated bottle
Reagent refrigeration temperature	2°C-8°C

Probe System

Sample probe accuracy	1.0µL~25.0µL, step at 0.1ul
Reagent probe accuracy	10.0µL~150.0µL, step at 0.5ul

Mixing System

Reaction liquid mixing method	Non-contact ultrasonic mixing
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Incubation System

Reaction volume range	75µL-185µL
Reaction tray incubation method	Constant circulator water bath
Temperature range	37.0°C±0.3°C
Temperature accuracy	±0.1°C
Cuvette quantity	221nos.

Optics System

Absorbance linear range	0Abs-3.6Abs
Wavelength range and number	340nm-800nm, 13 nos.
Light source type	LED light source
Light source life	≥20000 hours

Environmental Requirements	About 500Kg
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Equipment weight (including ISE)	About 500kg
Overall dimensions (including ISE)(H x W x D)	1315mmx1211mmx969mm
System function	Computer system: Windows 10 and above compatible operating systems
Temperature and humidity	Temperature :15℃~30℃, humidity 40%-85%
Supply voltage	Voltage [220±22]VAC, frequency [50±1]Hz

Biochemistry Test Menu C 1000

C 1000

[illegible]

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

MACCURA BIOTECHNOLOGY (USA) LLC
Add: 12441 Parklawn Drive, Suite 2D, Rockville, Maryland 20852

Add: 12441 Parklawn Drive, Suite 2D, Rockville, Maryland 20852
Tel: +1 240-669-9948

MACCURA BIOTECHNOLOGY CO., LTD.
Add: 8#, 2nd Anhe Road, Hi-tech Zone, 611731 Chengdu

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



WEBSITE

C 1000

Module expansion:

IOM Module

Sample loading&recycling

RWC Module (optional)

Sample pending module

DQI Module (optional)

Open the tube cap

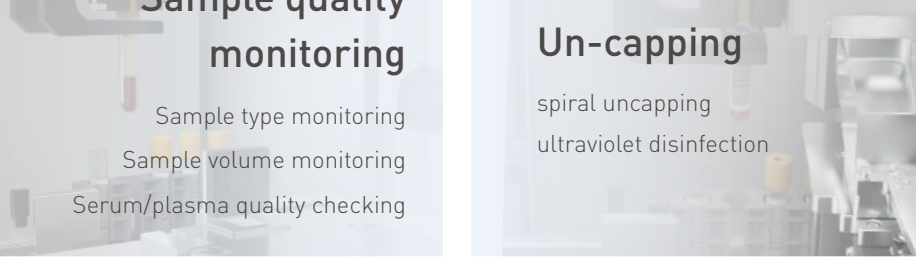
AI visual identify function to monitor the Serum/plasma quality

Only **0.35m²** for IOM and DQI

Sample quality

Sample loading Sample quality monitoring Un-capping

Sample quality

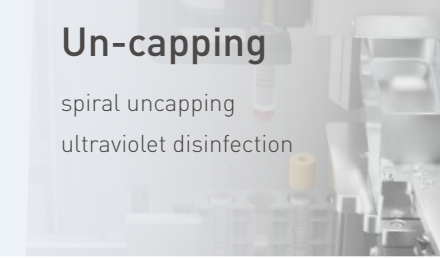


Sample quality monitoring

- Sample type monitoring
- Sample volume monitoring
- Serum/plasma quality checking

Un-capping

- spiral uncapping
- ultraviolet disinfection




Un-capping

- spiral uncapping
- ultraviolet disinfection

TI A system 

LABAS MIX Sample Processing System
+i 6000+C 1000

LABAS MIX Sample Processing System +i 6000+C
1000+H 5200+F 800/F 810/F 880+P 100+AS 120



Zero Contamination

Non-contact ultrasonic mixing to prevent carry-over from mechanical mixing. Match the optimal mixing parameters according to the viscosity characteristics of the item

37.0±0.1℃

Constant temperature circulator bath, precise temperature control

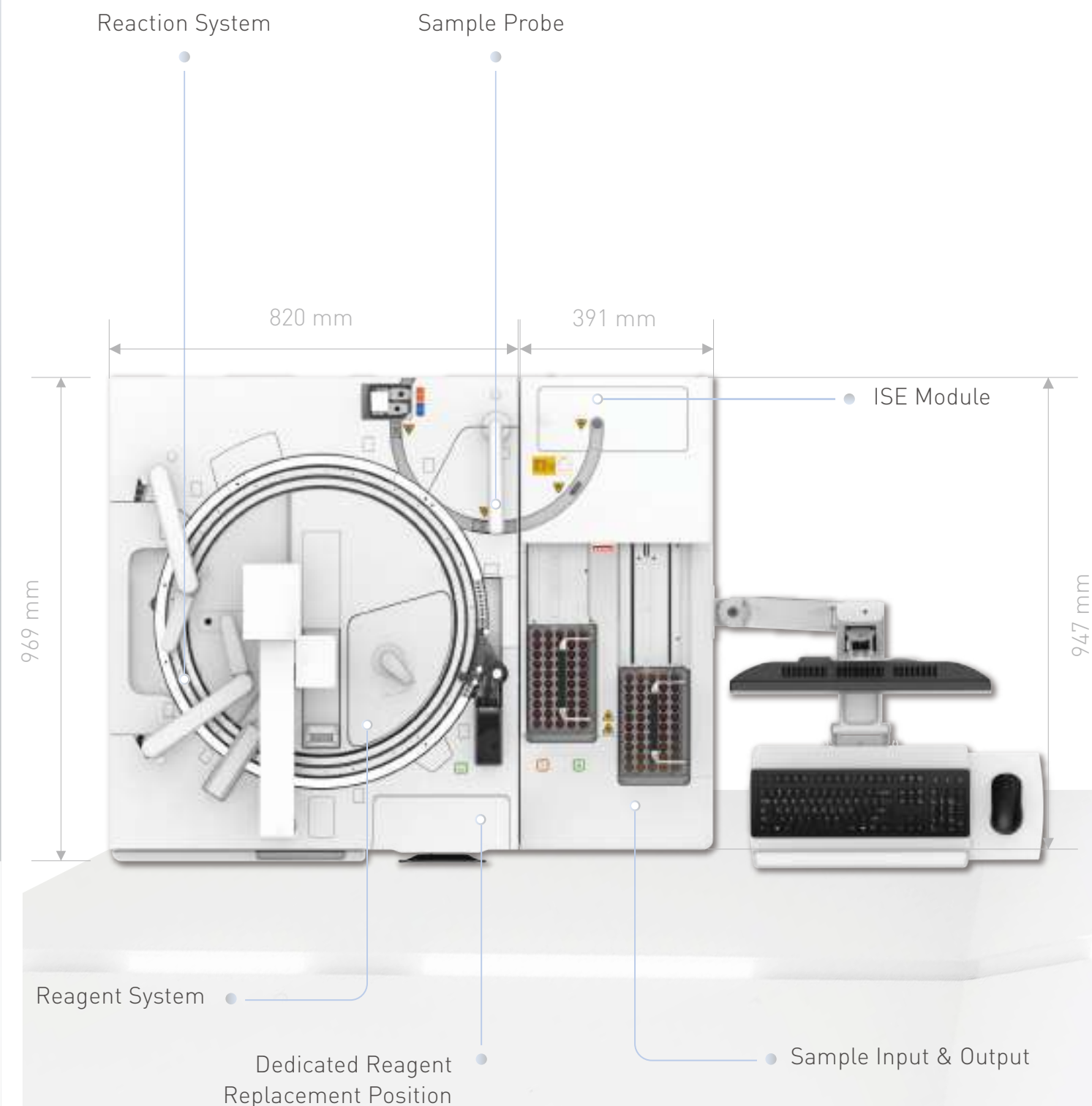
≥20000 Hours

Long-life LED light source

Online Reagent Replacement

The reagents are replaced truly online without interrupt by dedicated reagent loading position. Without the worry about endurance

Technology Driving



Reagents replacing without interrupt

1



65 dual-reagent positions

2



Batch loading of reagent

3



Enjoyable operating experience

Easy Queue Jumping

Emergency samples, available on demand

Sample Basket Clasp

Sample not falling when the basket is tilted

Automatic Maintenance

Free of daily maintenance by hand, time-saving and labor-saving

Real-time Monitoring

Dynamic measurement of reagent left volume and test quantity

Sufficient Reagent

Dual-reagent integrated bottle design, designed reagents kit according to the number of tests.

Our precision, making products competitive



Advantage of biochemical reagent

Internationally leading traceability capability

Can provide customers with traceability reports based on Maccura biochemical system to meet the laboratory accreditation needs
Product traceable to international reference methods or reference materials

Longer product life

Fully meet the requirements of ISO 15189 accredited laboratories for up to 2 batches of reagents per year
Reduce customer order frequency and reduce product expiry risk

The product has a validity period of up to 18-24 months

Fewer product batches

Reduce customer workload in calibration and reduce additional consumption of reagent consumables

No more than 4 batches per year, effectively controlling the difference between product batches

Technology Breakthrough in anti-drug interference

The anti-interference technology of Crea, UA and TG reagents has obtained the national invention patent

GLU (GOD method), TC, HDL-C, LDL-C reagents have the same anti drug interference ability

More anti drug interference reagents are under development