



Focus on healthcare
better life with technology.

Local Distributor:

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YHLO

iTLA mini Plus

COMPACT AND POWERFUL ALL-IN-ONE LAB SOLUTION



Sample processing unit

600 tubes/hour

Input
Output
Centrifuge
Decapping
Recapping
Automatic QC
Serum Quality Inspection

iFlash 3000 CLIA Analyzer

Up to 300 tests/hour/unit

iFlash 9000 CLIA Analyzer

Up to 600 tests/hour/unit

IBC 900 biochemistry Analyzer

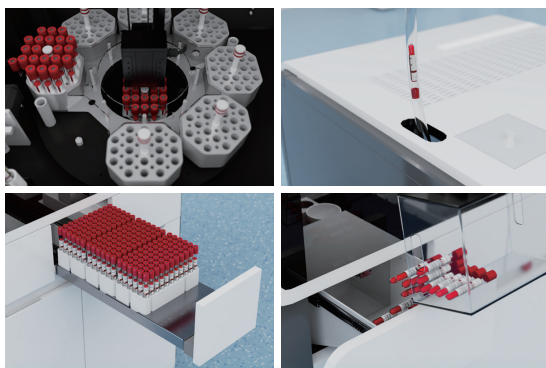
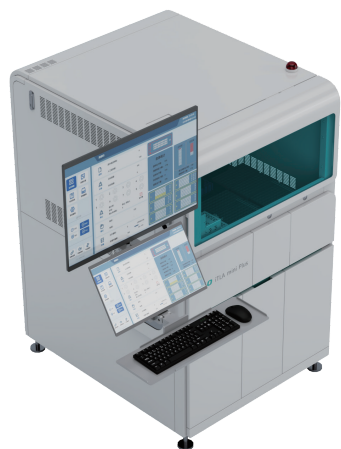
Biochemistry: 900 tests/hour/unit
ISE: 300 tests/hour(optional)

Footprint: **4.8** m²



INTELLIGENT BIOCHEMISTRY AND IMMUNOASSAY AUTOMATION SYSTEM

HIGH EFFICIENCY



600 tubes/hour

HIGHLY INTEGRATED

- Supports pneumatic, bulk and rack sample loading
- Automatic centrifugation
- Efficient decapping and recapping
- Automatic quality control



INTELLIGENT

- **Serum quality check:** Utilizes **AI technology** and advanced algorithms to automatically identify icteric, hemolytic and lipemic samples.
- **Visual identification:** Intelligent detection of visual signs of tubes. Tubes can be loaded in any order and automatically identified.



P: Sample Processing System
S: Refrigerated Storage
I: iFlash 3000/9000 CLIA Analyzer
C: iBC series Biochemistry Analyzer



*The configurations shown in the picture are just some examples.
Users can achieve various configurations according to their needs.

FLEXIBLE SCALABILITY

- Flexible biochemistry & immunoassay, expandable from 1 to 4 analyzers.
- Refrigerated storage unit is optional.
- ISE unit is optional.

SPECIFICATIONS

Fully Automated Sample Processing System - Pre-Analytics

Bulk Loading Module	- Throughput: 600 tubes/hour - Capacity: 400 tubes - Supports pneumatic and bulk loading methods
Rack I/O Module	- Throughput: 600 tubes/hour - Rack Capacity: 396 tubes - Customizable areas for loading/unloading, STAT, etc.
Centrifuge Module	- Throughput: 600 tubes/hour - Capacity: 80 tubes - Speed: 4000 RPM, Max RCF: 3220 g - Auto-balancing and serum quality check
Decapper Module	- Throughput: 600 tubes/hour - Waste Cap Capacity: 2000 caps - With negative pressure air filtration and UV disinfection
Recapper Module	- Throughput: 600 tubes/hour - Cap Capacity: 1200 caps - Provides cap consumables
Serum Quality Module	Utilizes AI technology to identify lipemic, hemolyzed, and icteric samples
Auto-QC Module	- QC Capacity: 30 vials, refrigerated at 2-8°C - Automated QC equilibration and mixing - Provides QC tube consumables

Post-Analytics

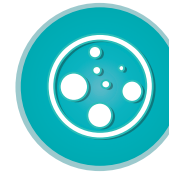
Refrigerated Storage Module (Optional)	- Throughput: 600 samples/hour - Storage Capacity: 3200 sample tubes - Temperature: 2-8°C - Supports automated sample storage, retrieval and disposal
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Analyzers

iFlash 3000/9000 CLIA Analyzer	- iFlash 3000: Up to 300 tests/hour - iFlash 9000: Up to 600 tests/hour - Expandable from 1-4 analyzers
iBC 900 Biochemistry Analyzer	- Colorimetric method: 900 tests/hour - ISE: 300 tests/hour (optional) - Expandable from 1-4 analyzers

YHLO IMMUNOASSAY TESTING MENU

Comprehensive CLIA reagents menu (140+)



Reproductive Health



Autoimmune Diseases



Infections Diseases



Routine

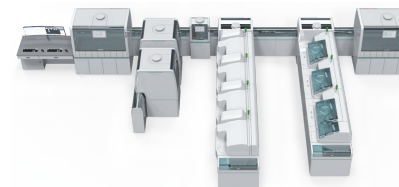
YHLO AUTOMATION FAMILY



iModule x
Biochemistry & Immunoassay Integrated System



iTLA mini Plus
Intelligent Biochemistry and Immunoassay Automation System



iTLA Max
Intelligent Total Laboratory Automation System



iCube
Intelligent Laboratory Information System