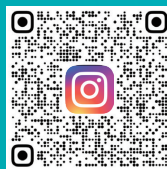




Focus on healthcare
better life with technology.

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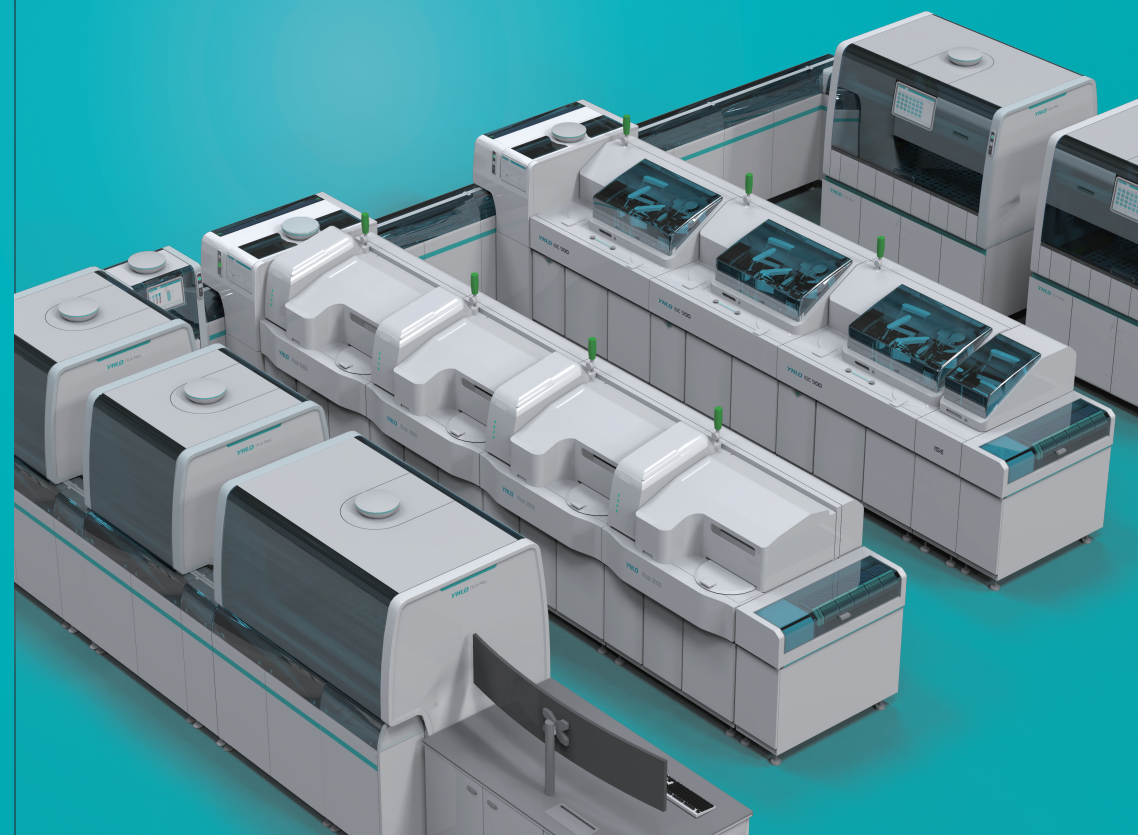
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YHLO

iTLA Max

FULL-SCENARIO INTELLIGENT SOLUTION

PIONEERING INTELLIGENT DIAGNOSTICS
LEADING TO THE FUTURE



Rapid

Efficient workflows design and differentiated STAT management

Intelligent

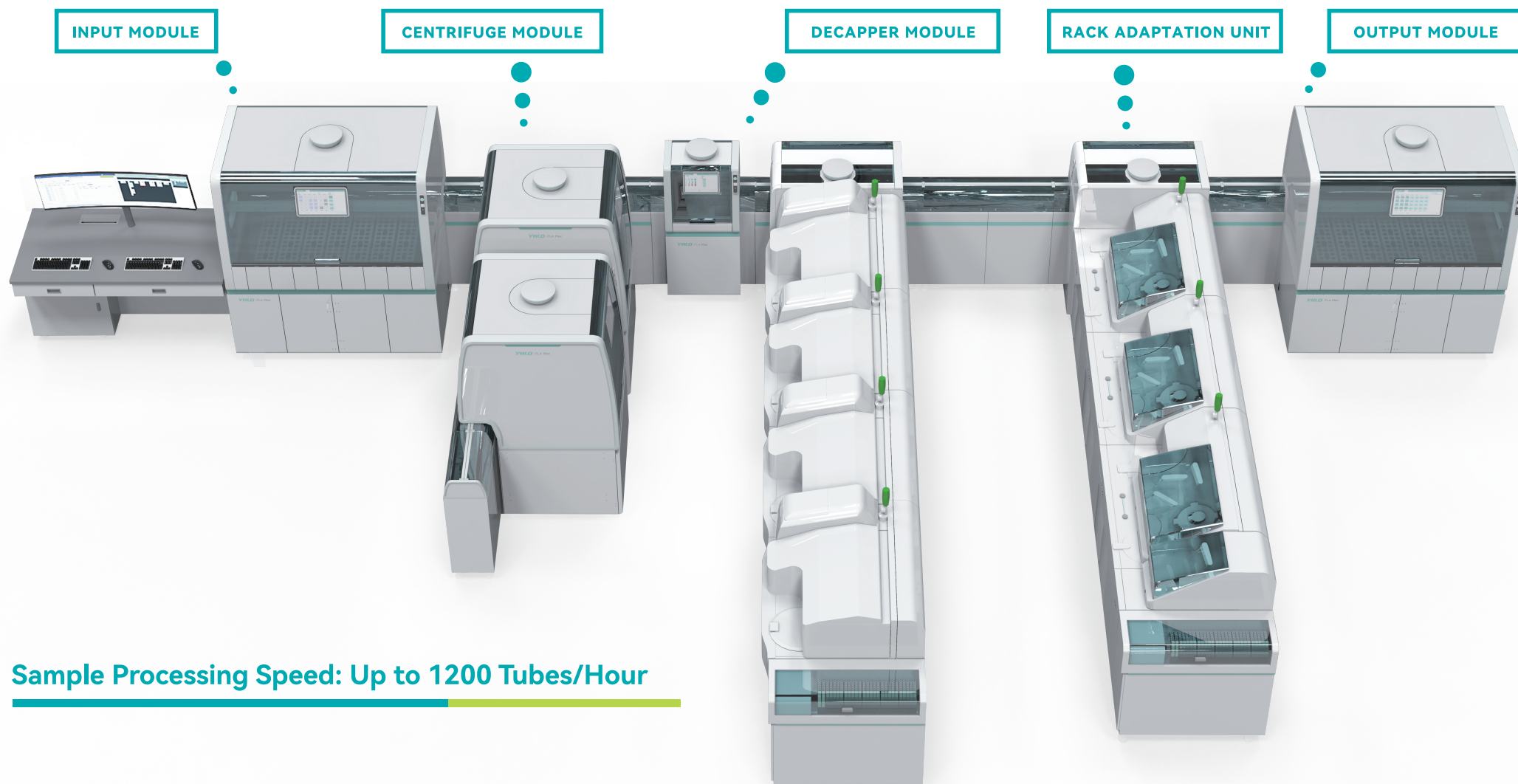
Providing caring service with a highly automatic system

Scalable

Supportable from medium to high-grade labs

Multidisciplinary

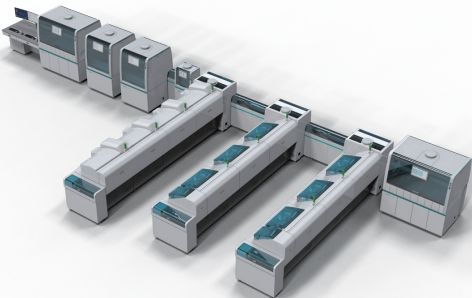
More options to connect multiple laboratory disciplines



Sample Processing Speed: Up to 1200 Tubes/Hour

RAPID

iTLA Max is designed to offer laboratories a reliable, continuous, and fast turnaround time (TAT) solution. Featuring advanced hardware, a dedicated STAT track, and an innovative software algorithm, this system can greatly enhance lab workflow efficiency.



Input / Output Module:

UP TO **1200** TUBES
1 HOUR EACH

Centrifuge Module processing:

600 TUBES
1 HOUR

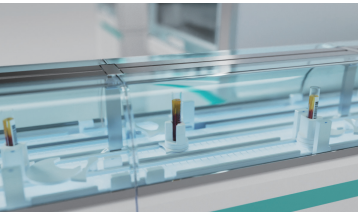
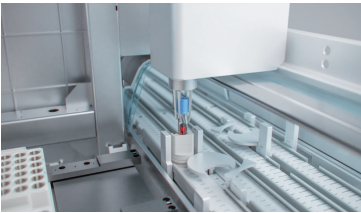
Four transportation tracks:

9600 TUBES
1 HOUR

Comprehensive sample processing speed :

1200 TUBES
1 HOUR

The system identifies STAT samples automatically, prioritizing their processing on a dedicated transport track for better STAT management.



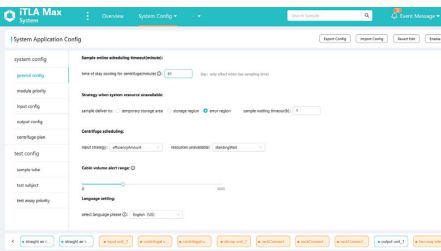
Single-tube transportation systems facilitate quick sample processing while conserving resources and eliminating transport delays, thereby preventing bottlenecks on transport tracks.

Dynamic algorithms automatically determine the most optimized workflows to ensure consistency and efficiency in ultra-high throughput environments.

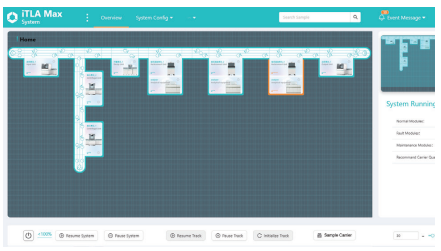


INTELLIGENT

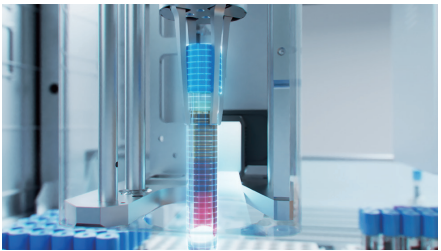
iTLA Max utilizes advanced AI technology and meticulously refines every aspect of the system to deliver intelligent management services.



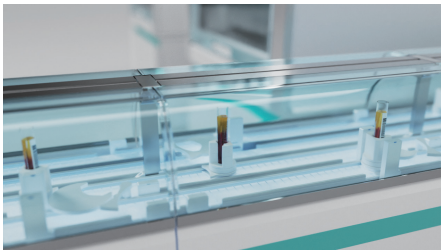
Integrating sample results into a unified software platform to enhance data interaction between LIS and iTLA Max.



Remotely oversee and control the operational status, parameter settings, and error logs of all functional modules.



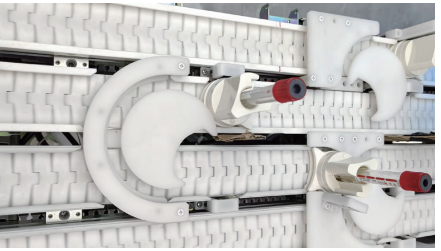
Automatically identify the sample tube size, type, content, serum quality, and centrifugation quality.*



RFID wireless radio frequency technology accurately matches each tube sample with its unique barcode.



Implementing measures such as aerosol filtration, ultraviolet sterilization, and enclosed transport systems can significantly improve biosafety in laboratories.



Utilizing a hinged chain conveyor for the track along with an electric motor as the power source enhances safety, stability, and reduces noise levels.

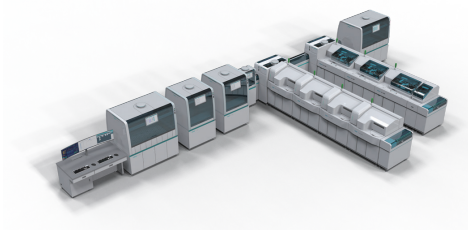
*Under Development

SCALABLE

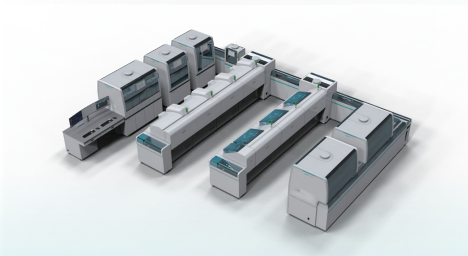
iTLA Max can be flexibly configured to suit the lab's floor plans, offering standard configuration as well as flexible options, such as L-Shaped Layout, E-Shaped Layout, and U-Shaped Layout configurations. Personalized track design and expansion of the function modules are always compatible with laboratory floorplan requirements from medium to high-grade labs.

Flexible configuration:

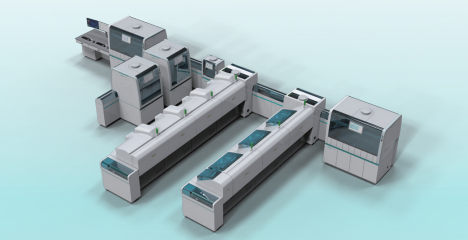
Input Module	1
Centrifuge Module	N
Decapper Module	N
Rack Adaptation Unit	N
Transport Track Module	flexible
Output Module	1



L-Shaped Layout



U-Shaped Layout



E-Shaped Layout

MULTIDISCIPLINARY

iTLA Max provides laboratories with accurate, multidisciplinary, and rapid results using reliable analyzers like the iFlash 3000/9000 and iBC 900.

Additionally, iTLA Max is compatible with various multidisciplinary platforms.



iFlash 3000/9000 Immunoassay Analyzer



Maximum speed :

600 TESTS / 1 HOUR / MODULE

Testing parameters :

130 +

First testing result :

MINIMUM 12 MINS

High-automation system

Up to 4 modules online



iBC 900 Chemistry Analyzer

Constant speed :

900 TESTS / 1 HOUR

Accuracy of sample loading :

1 µL

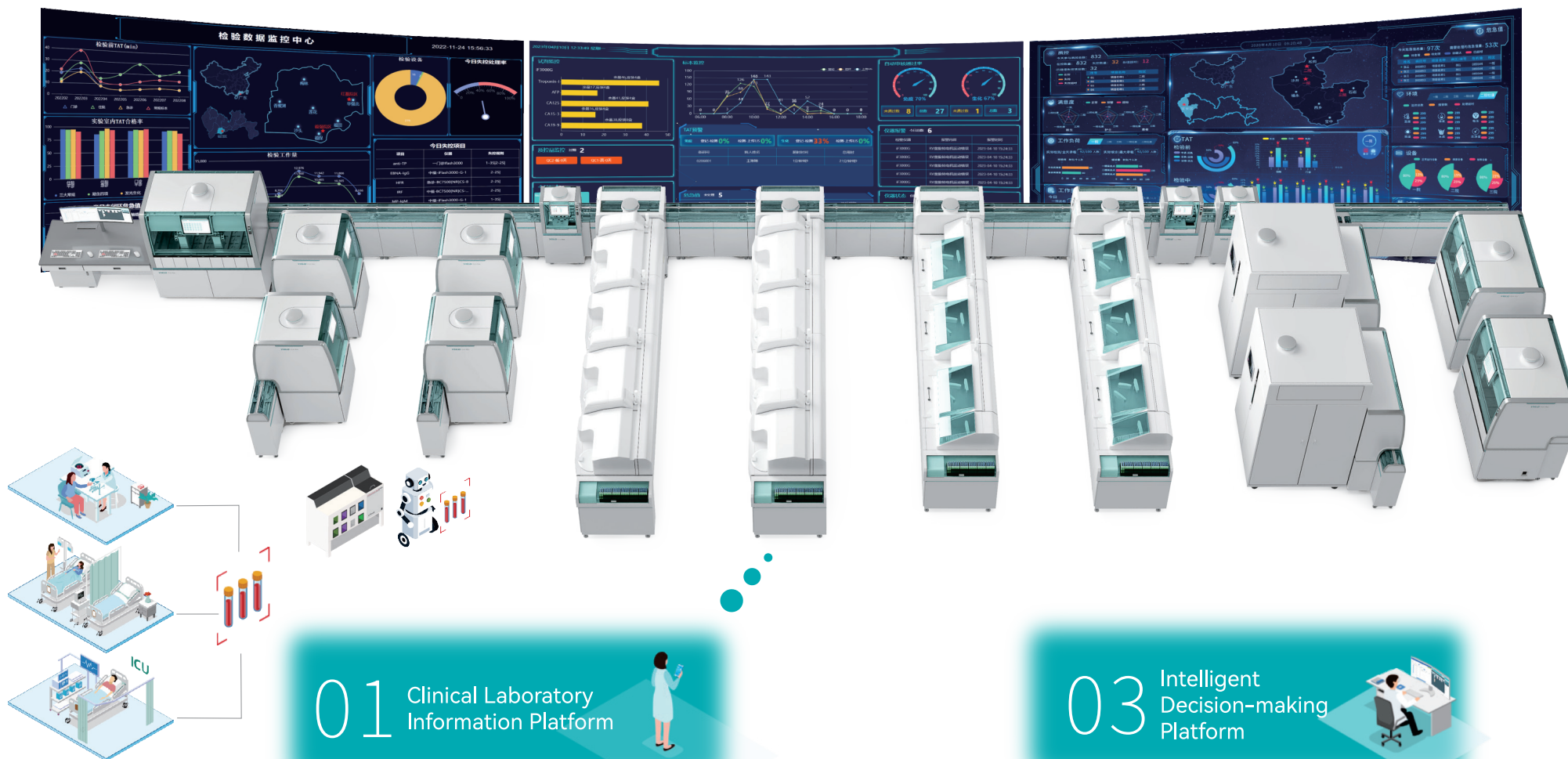
Temperature fluctuation :

≤ 0.1 °C

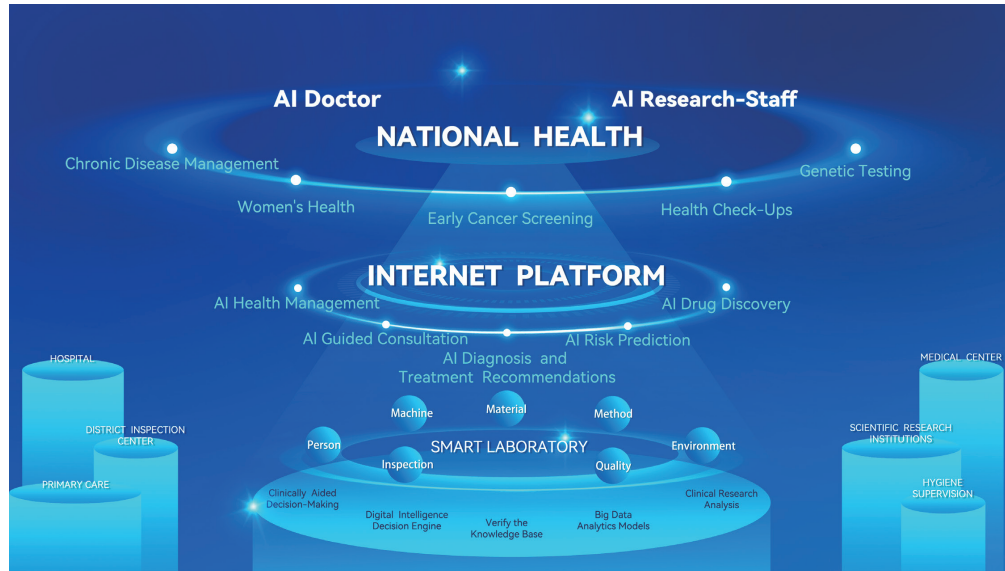
Outstanding Instrument floor efficiency



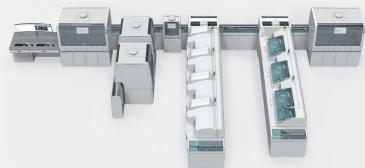
iCube INTELLIGENT LABORATORY MANAGEMENT PLATFORM



STRATEGIC LAYOUT




Immunoassay and beyond



iTLA MAX

YHLO IMMUNOASSAY TESTING MENU

Routine	Reproductive Health	Autoimmunity	Infection
Growth Hormone hGH IGF-1** IGFBP-3**	Fertility AMH Inhibin B Inhibin A LH FSH HCG Prolactin DHEA-S Unconjugated Estriol E2 PAPP-A free βhCG Progesterone Testosterone 17α-OH-P Androstenedione SHBG	Rheumatoid Arthritis Anti-CCP RF IgG RF IgM RF RA33 IgG	Blood Bank Anti-TP (Syphilis) Anti-HCV HBsAg Anti-HBs HBeAg Anti-HBe Anti-HBc HIV Combo
Tumor Marker PG I PG II AFP CEA CA 125 CA 15-3 CA 19-9 Free PSA Total PSA CYFRA 21-1 NSE SCC HE4 CA72-4 Gastrin-17 ProGRP CA242 CA50**	Diabetes Insulin C-Peptide Adiponectin Glucagon**	Connective Tissue Disease ANA dsDNA IgG Sm IgG SS-A IgG SS-B IgG Scl-70 IgG Jo-1 IgG RNP70 IgG Rib-P0 IgG CenpB IgG PM-Scl IgG	Autoimmune Liver SMA IgG AMA-M2
Cardiac Marker CK-MB Myoglobin Troponin-I hs-cTnI BNP NT-proBNP D-Dimer	Hypertension ACTH Cortisol Renin** Aldosterone**	TORCH Toxo IgG Toxo IgM CMV IgG CMV IgM HSV-1 IgG HSV-2 IgG HSV-1 IgM HSV-2 IgM Rubella IgG Rubella IgM	Vasculitis Diagnostics PR3 IgG GBM IgG MPO IgG
Thyroid T4 FT4 T3 FT3 TSH Tg Anti-Tg Anti-TPO Anti-TSHR Calcitonin**	Bone Metabolism 25-OH Vitamin D PTH Calcitonin** Osteocalcin**	Autoimmune Diabetes IA-2A IAA GADA ICA ZnT8A	EBV EB VCA IgG EB VCA IgM EB VCA IgA EB EA IgM EB NA IgG EB NA IgA
Thrombosis Marker TAT** PIC** TM** t-PAIC** D-Dimer FDP**	Liver Fibrosis HA PIIIPN-P Col IV Laminin	Anti-Phospholipid Syndrome Cardiolipin IgG Cardiolipin IgM Cardiolipin IgA Anti-Cardiolipin β2-Glycoprotein I IgG β2-Glycoprotein I IgA β2-Glycoprotein I IgM Anti-β2-Glycoprotein I	Celiac Disease tIg IgA tIg IgG DGP IgA DGP IgG
Anemia Ferritin Folate Vitamin B12	Allergy Total IgE	IgG Subclass IgG1 IgG2 IgG3 IgG4	Inflammation PCT IL-6 CRP**

** Coming Soon