



Pars Ideal System Eng. Co.
Laboratory Instruments and Consumables

شرکت مهندسی پارس ایده آل سیستم
سیستم های آزمایشگاهی و مواد مصرفی



شرکت دلتا درمان پارت
سیستم های آزمایشگاهی و مواد مصرفی



Auto CLIA

CIA 600

Total Solution of Automatic
Chemiluminescence
Immunoassay Analyzer



Streamlined Operating System Makes Work Easier

**Total Solution of Automatic
Chemiluminescence
Immunoassay Analyzer**

Auto CLIA Analyzer

CIA600

Main Parameters

- Principle: CLIA (Magnetic Microbeads Separation)
- Throughput: 60T/H
- Time to first result: < 15 min
- Sample tube size: 75mm/100mm
- Auto re-test: available
- Internal master curve, 2-point/6-point calibration
- Barcode scanning to identify and locate reagent/sample





Small Size Excellent Work

CIA 600 Auto CLIA Analyzer

Advanced Detection Principle

Magnetic solid phase separation CLIA—Combination of magnetic solid phase technology and Chemiluminescence technology
Wider linear range, higher sensitivity and test speed, fully meet the clinical need

Low Failure Rate Design

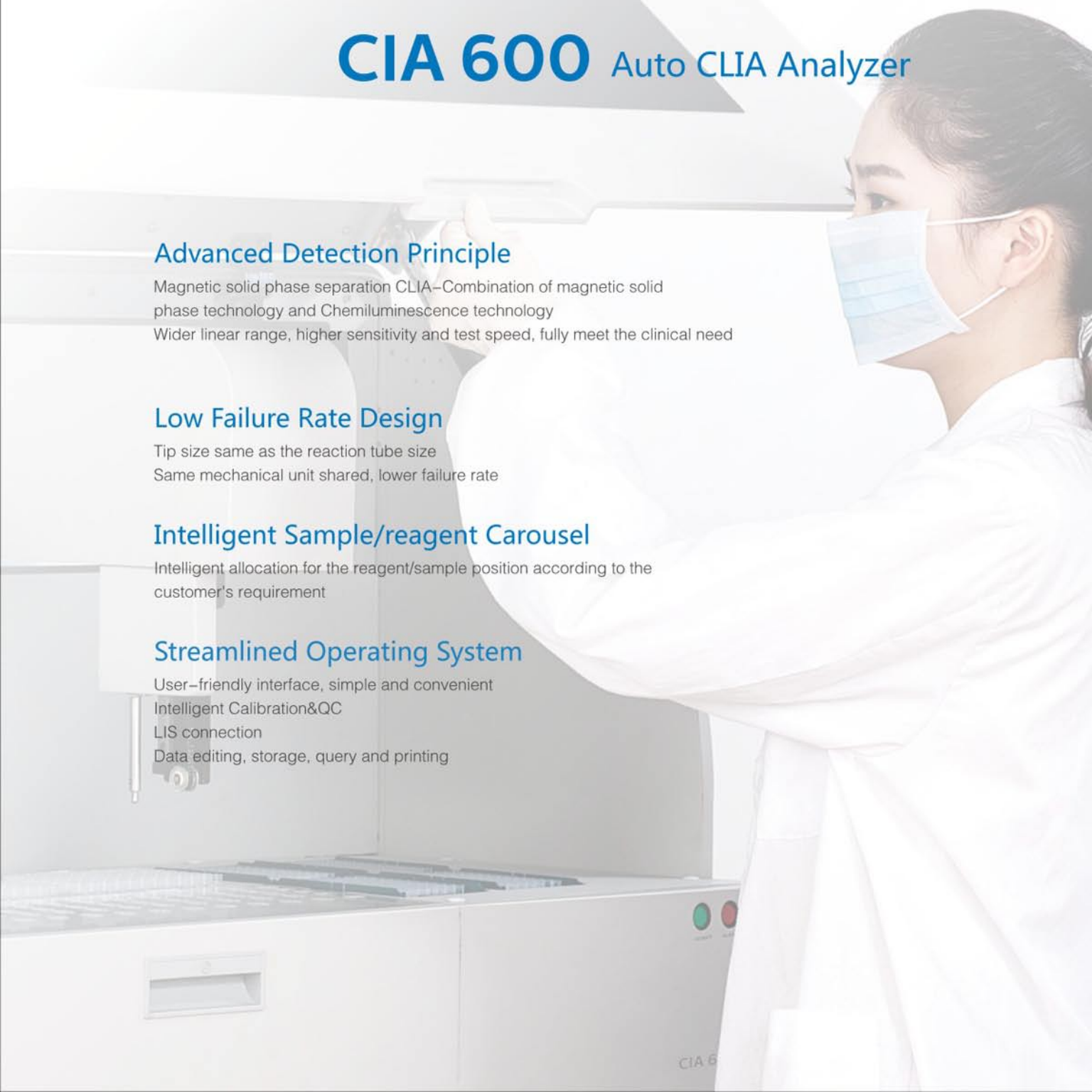
Tip size same as the reaction tube size
Same mechanical unit shared, lower failure rate

Intelligent Sample/reagent Carousel

Intelligent allocation for the reagent/sample position according to the customer's requirement

Streamlined Operating System

User-friendly interface, simple and convenient
Intelligent Calibration&QC
LIS connection
Data editing, storage, query and printing



Innovation For **Health**, Quality For **Life**





**Intelligent and Precise Assay
You Deserve It**



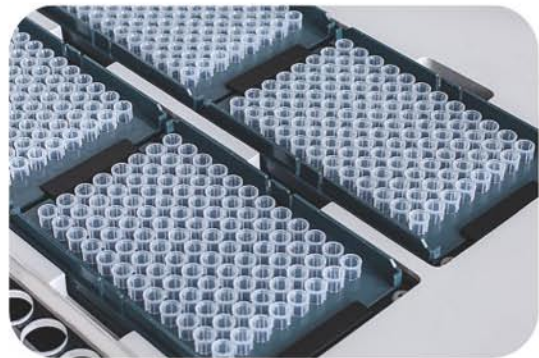
Intelligent Sample/reagent Carousel

- Sample positions: 5–75, intelligent allocation, continuous loading
- Reagent positions: 1–15, intelligent allocation, extendable
- Barcode scanning to identify and locate sample/reagent, avoid human error
- Reagent storage and expiration reminder, avoid waste
- Auto mixing for the magnetic beads reagent
- Refrigerated function, ensure best condition of sample/reagent
- STAT



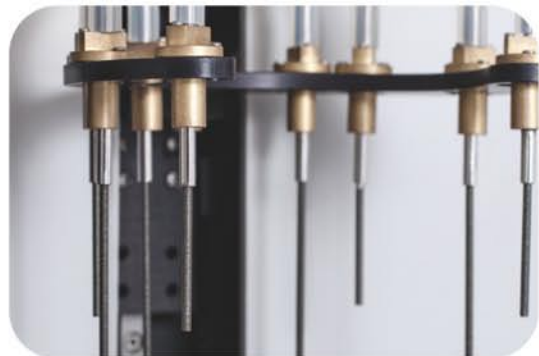
4-hour Unattended Tip/Reaction tubes Loading Area

- Adopt TIP for sampling to avoid cross-contamination
- Tip size same as the reaction tube size Same mechanical unit shared, lower failure rate
- Reaction tubes: 288pcs, extendable
- Tip: 384pcs, extendable



Precise Temp-control Incubation Tray/Complete Separation Cleaning Tray

- Incubation tray: $37 \pm 0.1^{\circ} \text{C}$, ensure complete reaction
- Cleaning tray: 4-step auto cleaning, completely separate the solid phase from the free phase
- Sidewall opening of the probe ensures the solid phase completely separate from the free phase



Innovative FITC- Separation Technology by Magnetic Beads Binding with Anti- FITC

- Tublar chemiluminescence technology, Flexible
- Antibody and antigen reacts in liquid status, full time and complete reaction
- Only 5 minutes for magnetic beads involved in the reaction, avoid the non-specific adsorption
- Superparamagnetic beads, solid phase easily separates from free phase
- Strict process control, small intra-batch differences

Innovative AP-APLS Chemiluminescence Technology

- High sensitivity, no less than 10^{-21} per unit
- Innovative APLS substrate, reach plateau period fast
- Long plateau period, stable signal, easy detection
- Monocomponent non-oxidizing substrate, easy operation, long validity



TEST MENU

Thyroid

- Tt3
- FT3
- TT4
- FT4
- TSH
- TGAAb
- TPOAb
- TG



Glycometabolism & Hypophyseal Hormone

- C-P
- INS
- hGH



Fertility

- E2
- PROG
- TESTO
- PRL
- FSH
- LH
- Total-hCG β
- F-hCG β
- fE3



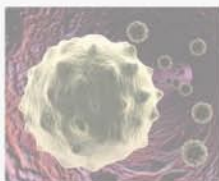
Hepatic Fibrosis

- III NP
- CIV
- LN
- HA



Tumor Markers

- AFP
- CEA
- FTN
- CA125
- CA15-3
- CA19-9
- CA50
- PSA
- FPSA
- SCC
- NSE
- HE4
- S100
- CA72-4
- CA242
- CYFRA21-1



Bone Metabolism

- 25-OH-Vit-D
- BGP
- iPTH



Inflammation Monitoring

- PCT
- CRP



TORCH

- TOXO IgG
- TOXO IgM
- RV IgG
- RV IgM
- CMV IgG
- CMV IgM
- HSV-1 IgG
- HSV-1 IgM
- HSV-2 IgG
- HSV-2 IgM



Cardiac

- cTnI
- HFABP
- HCY
- NT-proBNP
- D-Dimer



Infectious

- HBsAg
- HBsAb
- HBeAg
- HBeAb
- HBcAb
- Anti-HCV
- Anti-HIV
- Anti-TP



Kidney Function

- β 2-MG
- Cys-C
- RBP
- NGAL



Gastric Mucosa Function

- PG I
- PG II





Innovation for Health Quality for life

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سیستم های آزمایشگاهی و مواد مصرفی

میدان آرژانتین | ابتدای بخارست | کوچه نوزدهم

پلاک ۱۴ | طبقه ۴

تلفن: ۸۸۴۸۲۵۲۹ | ۸۸۷۰۸۵۰۷ | فکس: ۸۸۷۲۷۶۵۸



شرکت مهندسی پارس ایده آل سیستم

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پلاک ۱۴ | واحد ۱

تلفن: ۸۸۷۰۷۳۵۲-۴ | فکس: ۸۸۷۰۷۲۳۰