

## Test Panels

### Cardiac Marker

cTnT  
 hs-cTnT  
 ◦ cTnI  
 ◦ hs-cTnI  
 ◦ Myo  
 ◦ CK-MB  
 ◦ D-Dimer  
 ◦ NT-prOBNP  
 ◦ BNP  
 ◦ sST2  
 \* LP-PLA2

### Tumor Marker

CEA  
 AFP  
 tPSA  
 fPSA  
 PG I  
 PG II  
 CA 125  
 CA 15-3  
 CA 19-9  
 Gastrin 17

### Allergy

Total IgE

### Liver Health

CHI3L1

### Glycometabolism

Insulin  
 C-peptide

◦ Support whole blood sample  
 \* Coming soon

### Reproductive Health

E2  
 LH  
 FSH  
 HCG  
 AMH  
 SHBG  
 DHEA-S  
 Inhibin B  
 Prolactin  
 Testosterone  
 Progesterone

### Inflammation

◦ PCT  
 ◦ IL-6  
 SAA  
 CRP  
 \*HBP

### Thrombosis

PIC  
 TM  
 FDP  
 TAT  
 T-PAI.C  
 D-Dimer

### Cerebral Apoplexy

\*s100  
 \*Lp-PLA2

### Food Safety

\*B(a)p  
 \*AFB1  
 \*Capasin

### Autoimmunity

ANA  
 dsDNA  
 Anti-CCP  
 RF  
 IAA  
 ICA  
 GADA  
 IA-2A  
 ZnT8A  
 tTg IgG  
 tTg IgA  
 DGP IgG  
 DGP IgA

### Growth

hGH  
 \*IGF-I  
 \*IGFBP-3

### Hypertension

\*ACTH  
 Cortisol

### Anti-Phospholipid Syndrome

\* Cardioliipin IgG  
 \* Cardioliipin IgM  
 \* Cardioliipin IgA  
 \* Anti-Cardioliipin  
 \*  $\beta$ 2-Glycoprotein I IgG  
 \*  $\beta$ 2-Glycoprotein I IgA  
 \*  $\beta$ 2-Glycoprotein I IgM  
 \* Anti- $\beta$ 2-Glycoprotein I

### Thyroid

T3  
 T4  
 FT3  
 FT4  
 TSH  
 Tg  
 Anti-Tg  
 Anti-TPO  
 Anti-TSHR  
 \*Calctonin

### Anemia

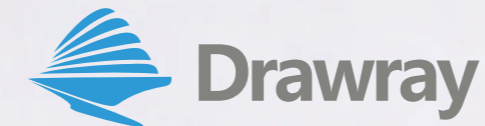
Folate  
 Ferritin  
 Vitamin B12

### Bone Metabolism

25-OH Vitamin D

### Torch

Toxo IgG  
 Toxo IgM  
 Rubella IgG  
 Rubella IgM  
 CMV IgG  
 CMV IgM  
 HSV-1 IgG  
 HSV-1 IgM



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# iStar 2000

Chemiluminescence Immunoassay Analyzer  
 Flexibility Meets Accuracy



## Compact design and Efficiency

- More test per square meter with 580T/m<sup>2</sup>/h
- Small footprint, One machine only 0.345m<sup>2</sup>
- User-Centered Design with simplified interactions
- Easy-to-use software based on Windows system



## Optimum productivity and Uniformity

- Test speed is up to 200T/h, Up to 3 Instrument integrated
- First test results in 9 mins
- 25 sample position with independent emergency channel
- On board cooling for 12 reagent position



## High automation and Flexibility

- Auto-mixing on Whole blood sample and automatic uncapping
- Continuous waste cup cleaning with intelligent detection system
- Barcode auto-scanning, 360°rotating scanning design
- Ability to connection with Hematology analyzer



## Outstanding performance and Confidence

- Acridinium ester chemiluminescence method
- HCT detection system meets whole blood accurate test and avoid interference
- Anti-contamination washing system and sampling systems, non-contact mixing
- Complete liquid detection, bubble, empty aspiration and clotting detection



## Specification



### General information

Throughput	Up to 200 tests/hour
Fastest time to get first result	9 minutes
Detection principle	Magnetic particle -based direct chemiluminescence
Chemiluminescence Label	Acridinium Ester

### Sample supply system

Sample position	5 samples per rack, 25 positions with STAT 1 position
Sample Volume	5-150 ul
Reaction vessels loader capacity	350 reaction vessels reserve for continuous loading
Sampling method	Disposable tips

### Reagent system

Reagent position	12 positions with onboard refrigeration
Reaction carousel temperature	2-8°C
Reagent detection	Reagent level real time monitoring
Reagent pack	2*50 test/Kit, 2*25 test/Kit
Auto Dilution	Maximum 1:40

### Reaction Carousel

Incubation temperature	37 °C± 0.3 °C, with fluctuation 0.1 °C
Incubation position	60
Magnetic separation washing method	4 step magnetic separation
Mixing system	Non-contact vortex mixer

### Operating conditions

Power supply	100-240V~, 50/60Hz
Temperature	10°C -35°C
Ambient Humidity	10%-85%RH
Physical Dimensions	420 mm (L)*750mm (W)*720mm (H)
Touch Screen	Adjustable 14 inches Screen
Communication Ports	Bi-Direction LIS, Network Port, Com Port
Weight	93kg