

Jet-iStar 100 Plus



Compact Size
183mm x 83mm x 47mm, weighs only 400g



Comprehensive Menu
Supports all detection items on the Jet-iStar platform



Dual Module Design
Quantum Dot + Time-Resolved Fluorescence, portable dual-module detection device



Multiple Labeling Technologies
Fluorescein, fluorescent microspheres, time-resolved fluorescent microspheres, quantum dots, etc.



High-Speed Connectivity
Supports 4G network, Wi-Fi wireless network, OTA online upgrade



User-Friendly Operation
5 inch touch screen display, built-in power supply, battery life ≥200 tests

Jet-iStar 100 Plus Device Parameters

Device Parameters	
Operation System	Android
Detection Methodology	Immunofluorescence dry quantitative method
Single Detection Time	<10 seconds
Detection Modes	Fast mode and standard mode (incubation in machine)
Sample Types	Serum, plasma, whole blood (including capillary blood), urine, cerebrospinal fluid, etc.
Repeatability	CV≤5%
Information Curve Entry	Built-in scanner for barcodes and QR codes
Power Supply	Direct power supply/battery power supply (6000mAh)
Service Life	≥10 years

Jet-iStar test menu
One-Stop On-Site Detection Solution for Inflammation, Cardiovascular and Cerebrovascular Diseases and Complications

Detection Item	
Infections and inflammation	Respiratory tract infection
Heparin Binding Protein(HBP)	Influenza A/B antigen(FluA/B*)
Procalcitonin(hs-PCT*/PCT)	Adenovirus/respiratory syncytial virus antigen(ADV/RSV*)
Whole Course C-Reactive Protein (hs-CRP/CRP)	Mycoplasma pneumoniae IgM antibodies (MP IgM*)
Serum Amyloid A (SAA)	Mycoplasma pneumoniae antigen (MP*)
C Reactive Protein & Serum Amyloid A(CRP&SAA*)	Norovirus antigens (NV*)
Heparin Binding Protein & Procalcitonin(HBP&PCT*)	Adenovirus/rotavirus antigen (ADV/RV*)
Krebs von den Lungen-6(KL-6*)	Streptococcus pneumoniae antigen (SP*)
Interleukin 6(IL-6)	Gastrointestinal health
Cardiovascular and cerebrovascular	Pepsinogen I / Pepsinogen II(PG I&II)
Soluble Growth Stimulation Expressed Gene 2 protein(ST2)	Gastrin-17(G17)
N-terminal Prohormone of Brain Natriuretic Peptide (NT-proBNP)	Liver damage
Brain Natriuretic Peptide(BNP)	Human cytokeratin CK18-M30(CK18-M30*)
High-sensitivity Troponin I(hs-cTnI)	Human cytokeratin CK18-M65(CK18-M65*)
Troponin I(cTnI)	Autoimmunity
Myoglobin (Myo)	Anti-cyclic citrullinated peptide antibody(CCP*)
Creatine Kinase MB Isoenzyme (CK-MB)	Reproductive health
Heart-type Fatty Acid Binding Protein(H-FABP)	Soluble FMS-like Tyrosine Kinase-1(sFlt-1*)
Lipoprotein Associated Phospholipase A2 (Lp-PLA2)	Placenta Growth Factor(PLGF*)
High-sensitivity C Reactive Protein (hs-CRP/CRP)	β-Human Chorionic Gonadotropin (β-HCG)
Central Nervous System Specific Protein β(S100)	Progesterone (Prog)
Diabetes/nephropathy	Anti-Müllerian Hormone(AMH)
Glycated Hemoglobin(HbA1c)	Nutrition and Metabolism
Microalbumin(MAU)	25-hydroxyvitamin D (25-OH VD*)
β2-Microglobulin(β2-MG)	Coagulation Function
Neutrophil Gelatinase-associated Lipocalin(NGAL)	D-dimer(DD)
Anti-phospholipase A2 Receptor Antibody(PLA2R*)	Fibrinogen Degradation Products(FDP*)

* Coming soon

Joinstar Biomedical Technology Co.,Ltd

Address:10th Floor, Administration Building, NO.519,XingGuo RD.,Yuhang Economic and Technological Development Zone, Hangzhou, Zhejiang, China 311188

Web: <https://www.joinstar.com>

E-mail:info@joinstar.cn ; market@joinstar.cn

<https://www.facebook.com/JoinstarBioTech>

JOINSTAR

Tel: +86-571-8902 8180

<https://www.linkedin.com/company/joinstar>

JOINSTAR

Jet-iStar Immunoassay Rapid Test Platform
Born to Optimize the Detection Process

Jet-iStar Family



Covering from POCT to detection assembly line
Multi-scenario, Wide application, Immune rapid detection solution



Joinstar Biomedical Technology Co.,Ltd



Jet-iStar Max & Jet-iStar Infinity
Automatic immunofluorescence analyzer

Touch screen area

No need to add another computer
Monodirectional/bidirectional LIS

Consumables loading area

192 reaction cups loaded at one time
Concentrated consumables in drawers
Fast loading without stopping

Reagent tray area

16 reagent storage sites
Non-stop reagents change
Constant temperature at 8-12°C
to maintain reagent stability

Reaction slides loading area

Test 10 items at the same time
Load 200 reaction cassettes at one time
30 incubation sites,
precise temperature control

Input rail area

120T/h, minimum reporting time: 4 min
Automatic identification of sample type
Shake mixing/suction mixing

In-built waste area

Automated used cassette ejection
Separate compartments for dry
and wet consumables
Removable waste compartment
for easy cleaning



Instrument size L × W × H	700x740x860 mm	Operation mode	Loading of Reagents
			30 sample incubation sites 16 8-12 °C isothermal reagent sites
Sample type	Whole Blood, Serum, Plasma, Fingertip Blood Cerebrospinal Fluid, Urine et al	Reagent load	Mode of Operation
			15" color touch screen 360° rotation scanning code, automatic sample sorting



Designed for effortless operation

Automatic assignment of multiple tasks
High throughput and rapid assembly line

Complete systems compatibility

All the Jet-iStar instrument family
can be interlinked
Greater flexibility depending on laboratory
patient sample testing volumes¹

Biosafety

Sampling with steel needle
to minimise contamination
Fully enclosed operating process

**Simplified and user friendly
detection Process**

Detect multiple analytes with single sample tube
Sample in, results out
Variety of biological samples

**Efficient management
and reporting of results**

Support a variety of information
transmission methods
Barcode management of samples and reagents

Jet-iStar 800 & Jet-iStar 800Puls
Semiautomatic immunofluorescence analyzer

1 7" LCD touchscreen
Easy operation

2 6 channels
Different tests run
at the same time

**3 Drawer-type holder for
used test cassettes**
Automatically discard the test
cassettes after reading.
Dump waste only at once.



1 7" LCD touchscreen
Easy operation

2 Multiple sample types

3 Simple Calibration



Humanized Simplified Intelligent
Extensive application field included