

Venus 9000

Fully Automated Chemiluminescence Immunoassay Analyzer

Registration Certificate No: 渝械注准20232220334



Navigate with Light | Lead a New Voyage

high stability | full automation | deep intelligence | broad scalability

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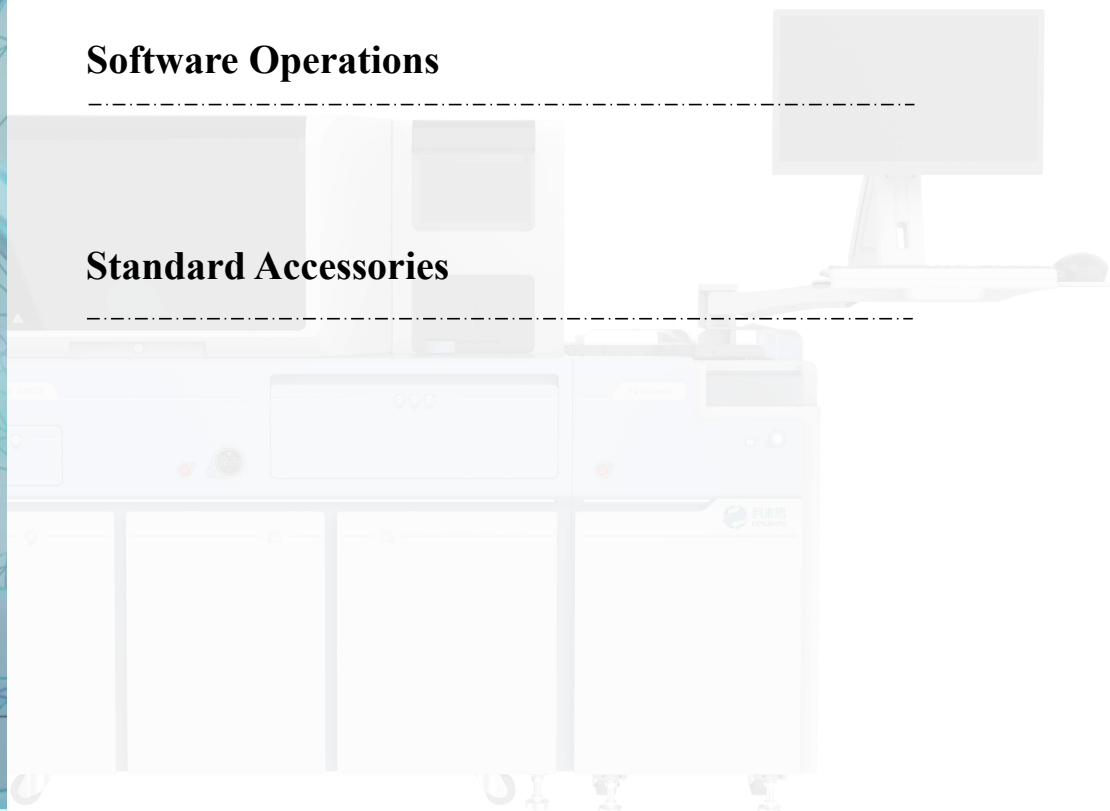
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Venus 9000 Ultra-fast Automatic Chemiluminescence Immunoassay Analyzer, Focus on Excellence

Registration Certificate No: 渝械注准20232220334

Fully automated chemiluminescence immunoassay analyzer—— 900T/H

Intelligent algorithms, flexible scheduling, adaptation to all complex reaction processes, ultra-long fault-free running time, precise control of the entire detection process with $CV \leq 3\%$, optional tips module to prevent contamination. Modular combination of analyzer+ sample input output buffer + track, compatible with biochemical, flow cytometry, and coagulation analyzers to form the automated laboratory testing system

Fully compatible with the AE/AP//HRP principle

Carryover
<0.1ppm

Reagent positions
42

Sample positions
360

Throughput

Precision

RVs

900T/H

$\leq 3\%$

2000+



Instrument Specifications

- **Ultra-fast with compact size**

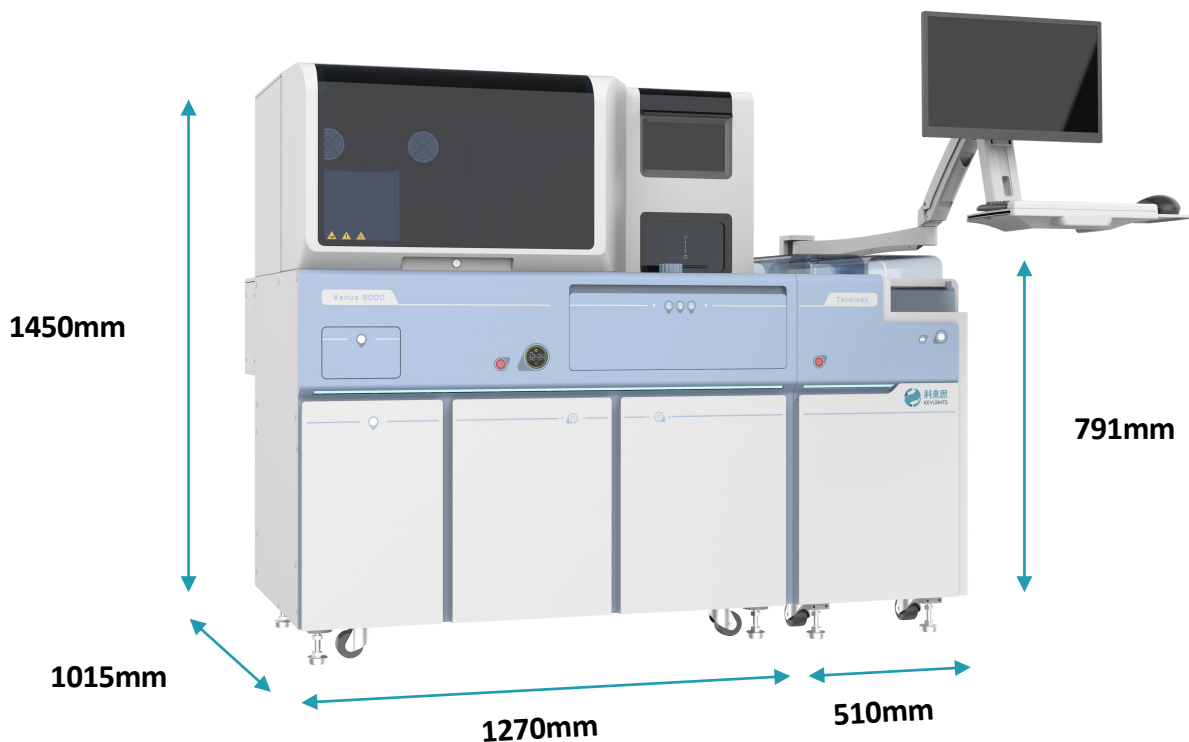
900T/H per analyzer, customizable connection with multiple analyzers, domestically exclusive

- **High reliability, deep customization**

Ultra-long fault-free running time, precise control of the entire detection process with $CV\% \leq 3$, optional tips module to prevent contamination. Compatible with biochemical, flow cytometry, and coagulation analyzers to form the automated laboratory testing system

Floor efficiency ratio: 495T/H/m²

Dimensions (mm) : 1270*1015*1450 (Instrument) ; 510*1015*791 (Input Output Buffer)



Instrument Specifications

- **Deep intelligence, full compatibility**

Intelligent algorithms, flexible scheduling, adaptability to all complex reaction processes, fully compatible with the AE/AP/HRP principles

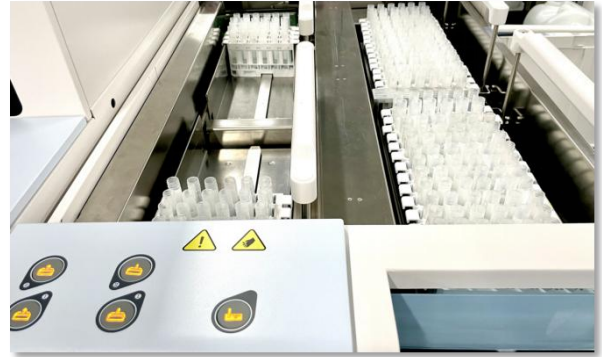
- **Comprehensive functionality, easy operation**

Comprehensive functionality, covering a wide range of application scenarios
3-axis linkage for free-floating main user screen + secondary user screen. 360° rotational barcode scanning, allowing barcodes to be placed arbitrarily. Real continuous reagent replacement



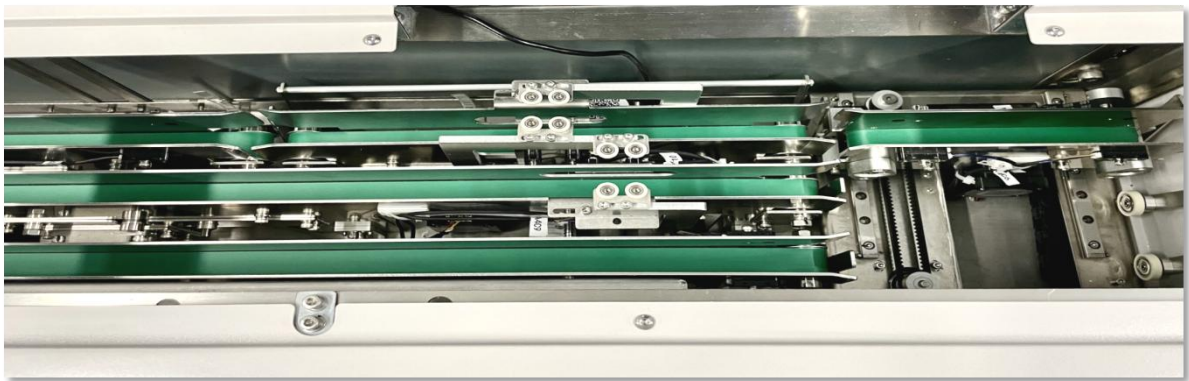
Modular combination of analyzer + sample input output buffer + track

Functional modules



Batch sample loading tray

Up to 360 sample positions, automatic continuous sample loading



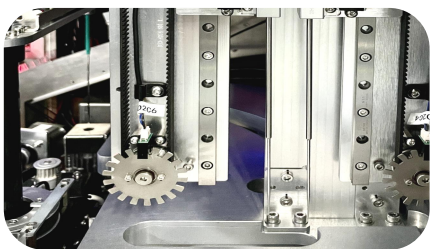
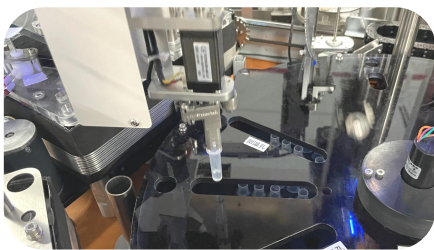
Sample transport system

3 tracks, high-speed transportation, sample storage buffer zone, no need for manual intervention

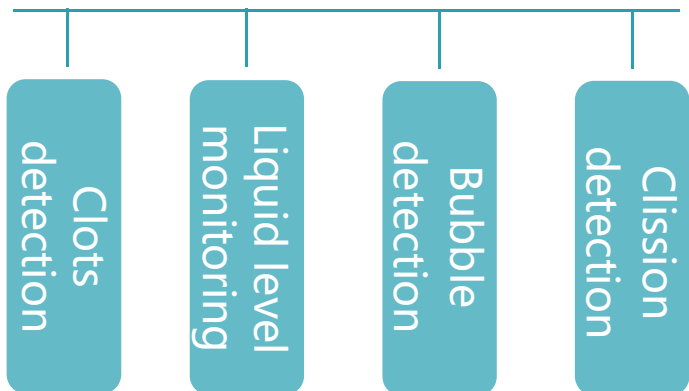
Functional Modules



42 reagent positions, replacement at any time, continuous loading, 24-hour refrigeration at 2-8°C



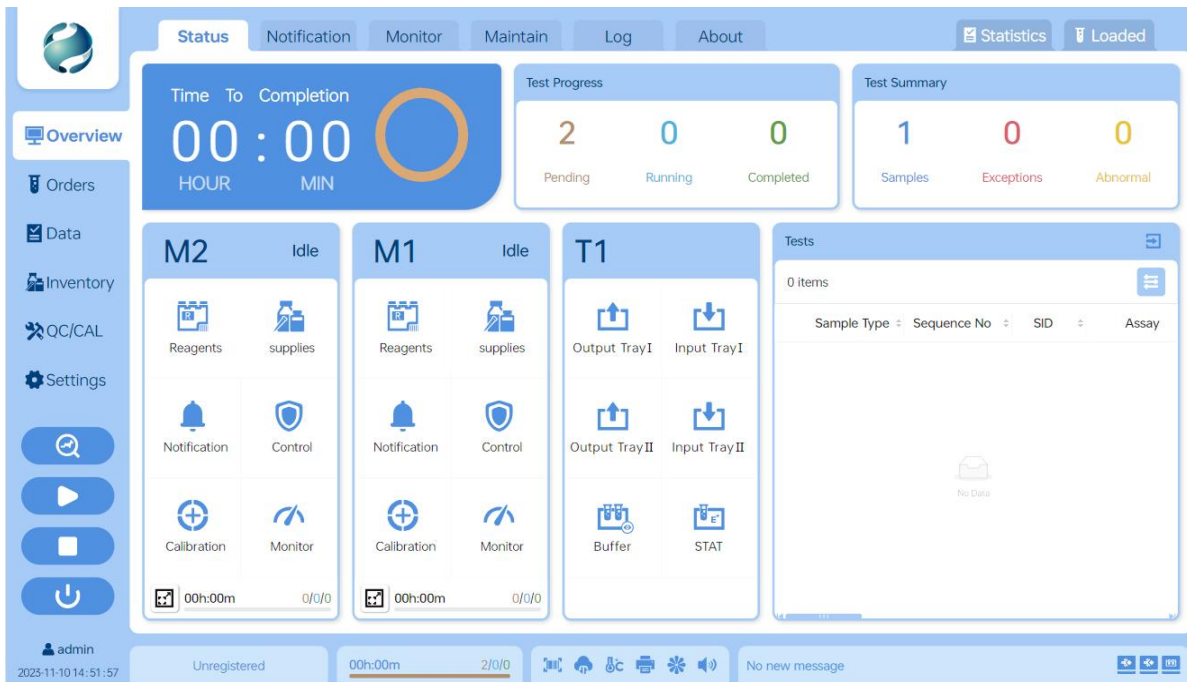
Intelligent loading
real-time monitoring



Instrument Parameters

Series	Venus 9000
Detection Principle	Open platform, supports AE, AP, or HRP systems with magnetic particle
Throughput	900T/H
Sample Positions	360 sample positions
Reagent Positions	42 reagent positions, with refrigeration function at 2~8°C. Replacement without an interruption in system operation. Customization available.
Sampling	Optional steel probes or tips module
Walk-Away Time	> 3h
Precision	CV≤3%
Carryover	0.1ppm
Sample Loading	Batch sample loading by tray. Loading and unloading samples at any time. STAT assay at anytime
LIS	Serial port, Network port, Unidirectional, Bidirectional
Sample Containers	Standard blood collection vessel, Eppendorf tube, Hitachi cup
Input Output Buffer Dimensions	510*1015*791 (mm)
Instrument Dimensions	1270*1015*1450 (mm)

Operation Software



Overview

user friendly/real-time monitoring of assay tests/real-time monitoring of reagents and consumables/smart alert/ multi-language support



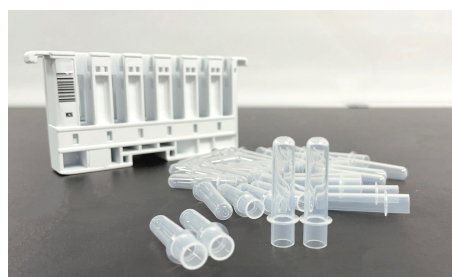
Orders

Supports ordering specimen, control, and calibration tests. With smart test data statistics, automatic test classification and display which makes it easy to search, rerun and release tests

Standard Accessories



Reagent racks



Reaction vessels



Substrate bottles



Sample racks

Reagents

Tumor Marker

CYFRA21-1
NSE
AFP
CEA
CA125
SCCA
CA15-3
CA19-9
CA72-4
HE4
PIVKA II
ProGRP
CA50
CA242
LN

Fertility

FSH
E2
AMH
PROG
β-HCG
TESTO
LH
PRL
SHBG

Anemia

VB12
FA
Ferr

Cardiac Marker

hs-cTnI
NT-proBNP
BNP
CK-MB
MYO
LP-PLA2
H-FABP

Thyroid

FT4
FT3
TSH
TT3
TT4
TG
TGAb
TPOAb

Inflammation Monitoring

PCT
SAA
IL-6

Kidney Marker

Cortisol

Endocrine hormone

GH
ACTH

Stomach Marker

PG I
PG II
G17

Coagulation

D-Dimer
FDP
PIC
TAT
TM
tPAI.C

Liver Marker

PIIINP
CIV
HA

Bone Metabolism

PTH
CT
25-OH VD

Glyco Metabolism

C-P
INS