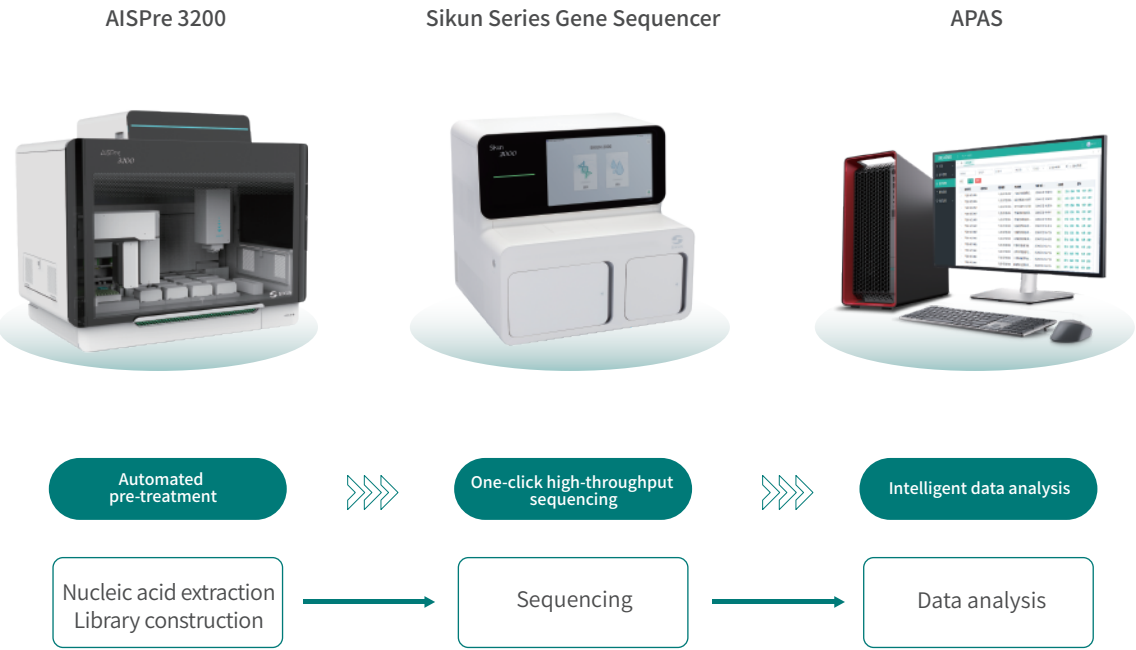


Sikun Automatic Solution



Specifications

Parameters	Size	825x687x788 mm
	Weight	155kg
	Voltage	AC 220V+22V
Power Requirement	Frequency	50Hz±1Hz
	Rated Power	750VA
	Temperature	19°C~25°C
Operating Environment	Altitude	< 2000 m
	Humidity	10%~85%RH (No Condensation)
	Atmospheric Pressure	700hPa~1060hPa
Computer	CPU	Basic Frequency >2.3GHz
	Memory	>128GB
	Hard Drive	480GB+4TB
	Screen	1920x1080 or more
	System	Windows 10 or above



Sikun Life Science
Official Account



Sikun Life Science
Official Website

Sikun Life Science Co.,Ltd.

Add. No. 199, 15th Street, National Eco & Tech Development Area,
Zhengzhou, China, 450016
info@sikun.com
www.sikun.com
+86 371 6200 1500

2026.06.26

*Refer to Manual for detailed warnings or precautions.
*Internal materials. For discussion purposes only.
*Product specifications and parameters are subject to Manual.
*Specific product appearance shall prevail in kind.



Sikun Series
Gene Sequencer

Sikun2000 Sikun1000 Sikun500

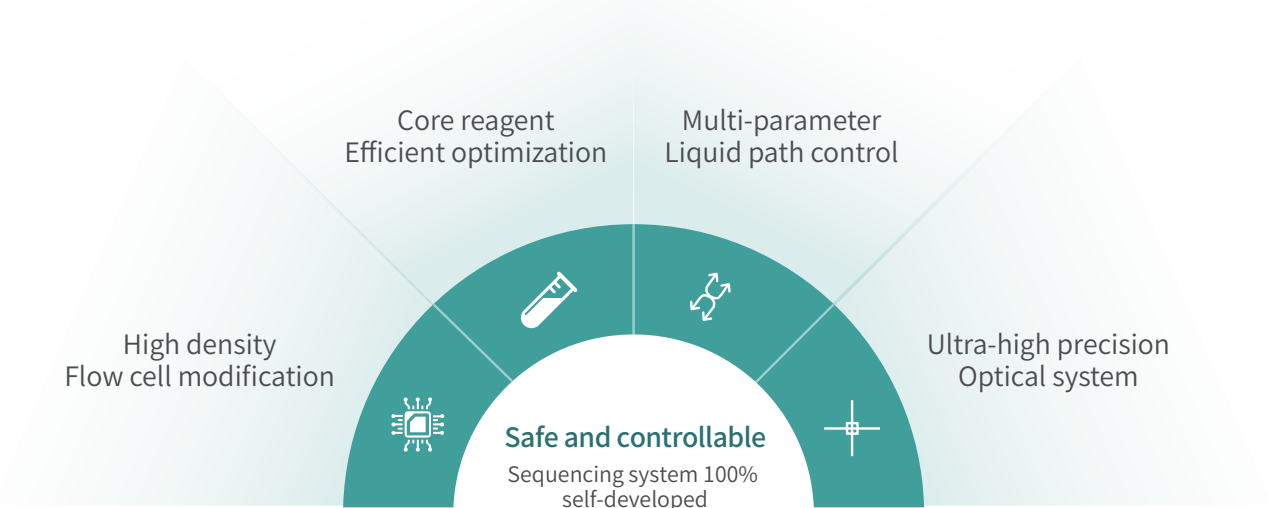
• Accurate • Fast • Stable | Simple to operate

Introduction

Sikun series gene sequencers adopt the reversible terminator sequencing technology. It can identify and process the optical signals of bases to form image information. After analyzing, the corresponding gene sequence data can be finally obtained. It has the characteristics of good repeatability, high accuracy, fast speed, stable results, etc. Sikun series is equipped with flow cell of various throughput, supports multiple read length, and meets the needs of different application fields.



Core Technology



Product Feature

- Accurate**

Excellent data quality, with the accuracy rate exceeding 99.9%.
- Flexible**

An open-platform, supporting multiple sequencing modes and adapting to various application needs.
- Fast**

Sequencing can be completed in only 3.5h.
- Stable**

Strictly controlled, consistent quality and reliable sequencing results.

Specifications

Model	Sikun 2000	Sikun 1000	Sikun 500
Flow Cell Type	60M/110M/170M/220M/330M/660M	60M/110M/170M/330M	60M/170M
Output	3-200 Gb	3-100 Gb	3-50 Gb
Time	~3.5-24h	~3.5-24h	~3.5-24h
Data Quality	Q30>85%	Q30>85%	Q30>85%

*The above indicators are based on the enterprise reference library. In practical applications, due to factors such as the type and qualityof the library, the size of the fragments, and the loading concentration, there may be differences in performance.

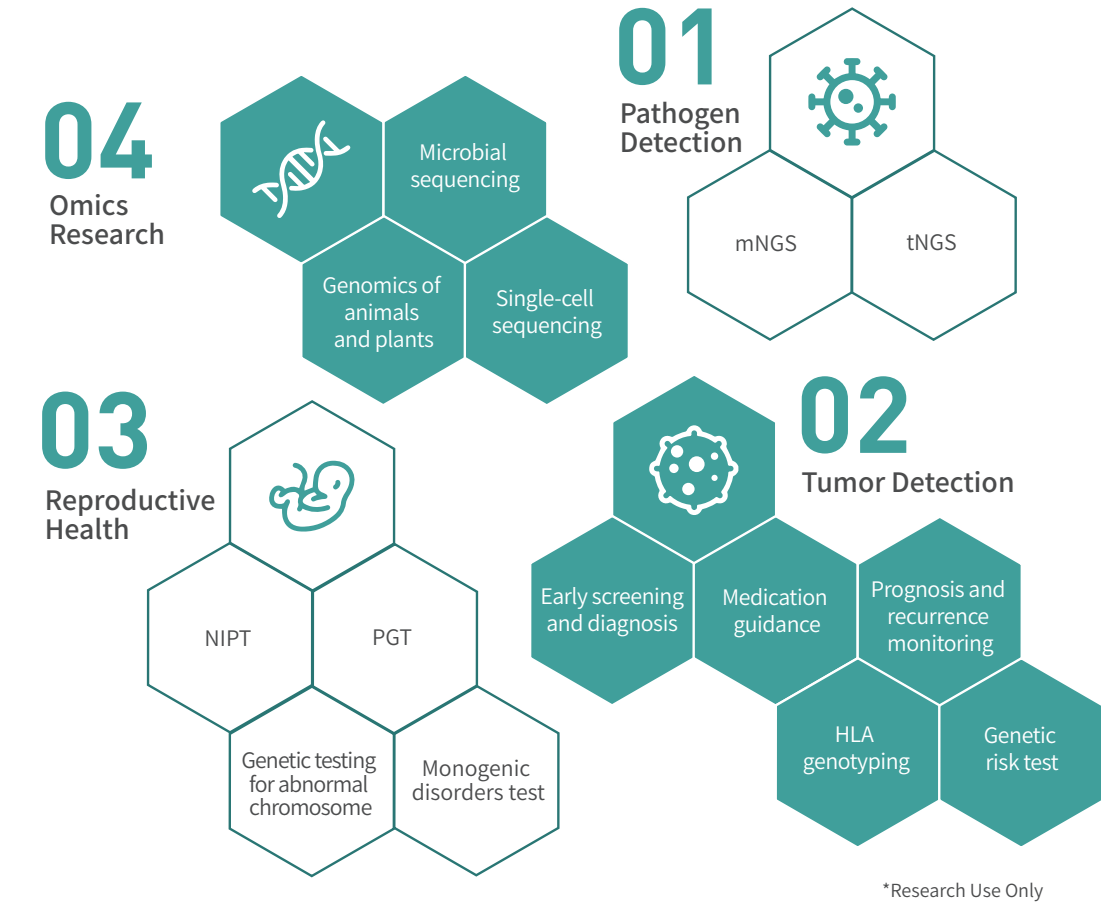
Reagents

Product Name	Sikun 2000 Model	Cat. No	Sikun 1000 Model	Cat. No	Sikun 500 Model	Cat. No
Sequencing Reagent Kit	High Output 50 Cycles/set	0697	High Output 50 Cycles/set(Y)	0611	High Output 50 Cycles/set(W)	0536
	High Output 75 Cycles/set	0703	High Output 75 Cycles/set(Y)	0628	High Output 75 Cycles/set(W)	0543
	High Output 300 Cycles/set	0710	High Output 300 Cycles/set(Y)	0635	High Output 300 Cycles/set(W)	0550
	Mid Output 50 Cycles/set	0659	Mid Output 50 Cycles/set(Y)	0574	Mid Output 50 Cycles/set(W)	0499
	Mid Output 75 Cycles/set	0666	Mid Output 75 Cycles/set(Y)	0581	Mid Output 75 Cycles/set(W)	0505
	Mid Output 300 Cycles/set	0673	Mid Output 300 Cycles/set(Y)	0598	Mid Output 300 Cycles/set(W)	0512

*100 Cycles, 400 Cycles and 600 Cycles are also provided.



Application



*Research Use Only

Application	Sikun2000		Sikun1000		Sikun500	
	High Output	Mid Output	High Output	Mid Output	High Output	Mid Output
mNGS 20M/sample	33	11	16	6	8	3
tNGS 1M/sample	660	220	330	110	170	60
WES 6G/sample	33	11	16	6	8	3
NIPT 5M/sample	132	44	66	22	33	11
CNV-Seq 10M/sample	66	22	33	11	17	6
PGT-A 8M/sample	82	28	40	14	21	8
Large Tumor Panel 5Gb/sample	40	13	20	7	10	3
Small Tumor Panel 1Gb/sample	200	66	100	33	50	17