



iSBS

Integrated Sample Banking Solution

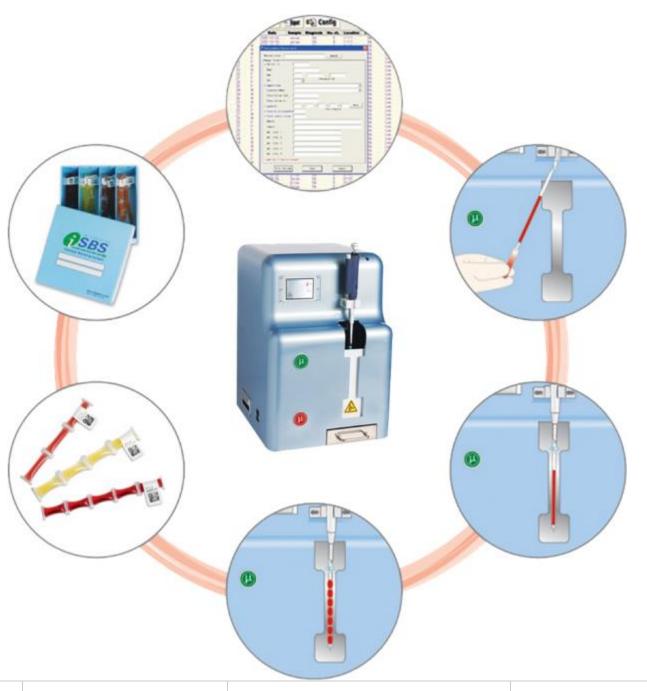
iSBS is a total biosample banking solution that automatically vacuum-seals samples such as blood, urine, ascite, cerebrospinal fluid and pleural fluid, semi-permanently for purposes such as disease research, drug research, disease tracking, backup, etc.

Feature

- Semi-permanent storage of specimen(sample) using vacuum seal
- Sample tube barcode label system
- Total solution that includes sample tracking software

- One-of-a-kind system
- Use of radio-frequency instead of heat-sealing ensures sample is preserved

Sample storage using iSBS



Aliquot	Manual aliquoting of sample to each tube	Automatic vacuum sealing of sample	Time and cost saved
Quality	Possible contamination and oxidation of sample	Initial sample quality maintained until use	Semi-permanent quality and immutability of sample
Management	Difficult to quickly find desired sample	Effective sample management through label system and management program	Systematic management of sample allows for quick tracking
Space	32,000 tubes or vials in 600L refrigerator	Up to 32,000 samples each of 5 segments in 600L refrigerator, total 160,000 segments	5 times space utilization
Speed	Depends on the ability of the technician and sample	500 segments per hour	Time and labor saved

Package

Single Package

- Instrument bundle
- VacTube
- VacTube storage box

Full Package

- Sample Bank Management Software (SBMS)
- Label printer
- Label and ink bundle
- 2D barcode scanner

Other disposables

- Extractor

				~ •		-			
S	n	\mathbf{a}	CI.	ш	C:	31	17	\cap	n
-	υ,	<u>ٺ</u>	-1	ш	U	J L	ш	U	

Specification.			
Main Unit			
Display	3.2" TFT Touch Screen		
Sealing Technology	VLS™ (Vacuum-Like Sealing)		
	EMS™ (Electro-Mechanical Sealing)		
Sealing Speed	500 segments / hour		
Life Expectancy	Semi-permanent		
Voltage	110 - 240V / 50 - 60Hz		
Power Consumption	Idle: 90 W / Operating : 300 W		
	Vactube		
Vactube Material	Non-DOP polyvinyl chloride		
Volume	1ml or 2ml		
Number of Segments	Up to 5 segments		
Sterilization	Ethylene oxide gas		
Storing Temperature	Up to -86℃		
Storage	30,000 samples / 600 liter freezer		
	Sample Banking Management		
Labeling	Zebra Thermal Printer		
Label	2D Barcode & Reader		
Software	SBMS 2.0 (Windows XP/7/8/10)		
General			
Dimension	330 x 420 x 480 mm		
Weight	28kg		
Warranty	1 Year		

Ambient Temperature	18~28°C
Maximum Humidify	80%