© Consumables

• 3D FloTrix™ 6-Well Plate with Impellers

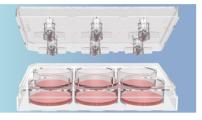
Biomechanically mimetic

Magnetically driven impeller generates fluid dynamic to mimic biomechanics



Micro system

Perform experiments with as little as 4 mL medium to save cost



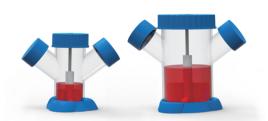
Medical-grade PS with high

precision manufacturing to ensure biocompatibility & ease of use

Disposable sterile consumable



Disposable Spinner Flasks











Ordering Information

Catalog No.	Product Name	Spec.
IN-FTMC-01	3D FloTrix™ microSPIN Multiplex System	1 main engine + 1 controller
IN-FTMS FLEX-01	3D FloTrix™ miniSPIN FLEX System	1 main engine + 1 controller
R013-05-01	3D FloTrix™ 6-Well Plate with Impellers	1 pc/bag, 5 bags/ctn
R009-05-01	Disposable Spinner Flasks 125mL	1 pc/bag, 5 bags/ctn
R014-05-01	Disposable Spinner Flasks 500mL	1 pc/bag, 5 bags/ctn







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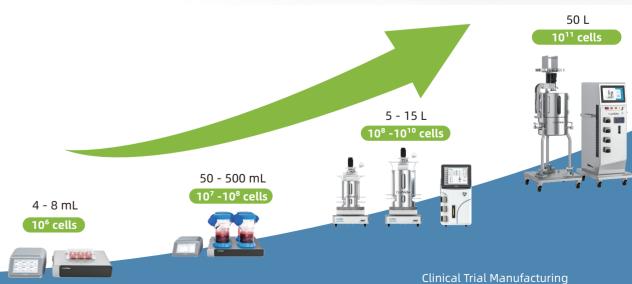
Start Your 3D Culture Journey with Lab-Scale Simplicity

3D FloTrix™

microSPIN & miniSPIN FLEX Systems

Independent or Paralleled Control Across All Positions with Scalable Flexibility from 4 mL to 500 mL — Empowering Efficient and Customizable Process Development





3D FloTrix™ microSPIN Multiplex System

By combining an electrically driven magnetic agitation device with the innovative 3D FloTrix[™] 6-Well Plate with Impellers, the 3D FloTrix[™] microSPIN Multiplex System facilitates simultaneous exploration and validation of various agitation process conditions in a miniaturized setting. This versatile micro system caters to a wide array of applications, including scientific research, drug development and others.



6-Well Plate with Impellers

- ► Set up any kind of agitation program, from constant to intermittent with up to 5 steps and loop up to 100 times.
- ► Minimum steady-state error of rotation speed of ± 1 rpm.

► Controller with 30° inclination allows for easy view, and is separated from main engine so you can operate without disturbing the incubator by opening door. Linked by flat data cable to minimize pressure of incubator door.

Main Engine

- ► Embedded with anti-magnetic interference technology to ensure each well operates independently without interference in the constrained space of a 6-well plate.
- ► As thin as 60 mm, and footprint of only 0.05 m², it can be snugged into small incubators.

Product Features



Customized well linkage

Link any wells together for parallel processing

-SI SIME	500	120 pm	7.00-	00 rp
911	速度(rpm)	P(H(min)		
981	1	00	孔位二	30 rpm (60
9/82	2	24		30 rpm (20
9/81	3	26	REE	JO Ipri
9/84	4	10	71.000	30 rpm (50
985	5	8	TORNE	30 (911
最終を提		5	202	30 rpm (50
推环次数		10		9.0
手动设置		810	7,035	30 rpm (50

Multiplex with 6 conditions

Process up to 6 conditions at one time

BD FloTrix® microSPIN	CytoNiche	0
98 rpm 8HIZ MISSIN IZ- 0:17	120 rpm	-100 rpm ##SIZ ##### IZE 0820
7.024	R@S	R06
-50 rpm	60 rpm	70 rpm
5	9	•

Technical Specification

Parameter	Specification
Dimensions (L × W × H)	Main Engine: 265 × 210 × 60 mm; Controller: 170 × 200 × 80 mm
Weight	Main Engine: 6 kg; Controller: 0.6 kg
Power Supply	AC 100-240 V, 50/60 Hz
Operation Environment	Main Engine: 2 °C to 50 °C, at 95% humidity, Controller: Dry, oil-free, non-corrosive
Stirring Speed	-120 rpm to 120 rpm
No. of Channels	6

3D FloTrix™ miniSPIN FLEX System

3D FloTrix™ miniSPIN FLEX System is a magnetic stirring device meticulously engineered for the suspension culture of adherent cells. When paired with glass or disposable spinner flasks, it is ideal for scientific research, small-scale process development, validation and production. Its ultra-low-speed stirring control significantly improves the fluidity of the surrounding cell culture medium to deliver nutrients and oxygen to cells in suspension effectively. This equipment is well-suited for a range of applications including the suspension culture of adherent cells on microcarriers, fully suspension cell culture, seed cell screening, cell subculture, and optimization of associated processes.

Controller

- ► Self-developed control system, programmable operation.
- ➤ The interface displays real-time information, providing an intuitive user experience.

Granica

Disposable Spinner Flasks

- ► Available in various sizes (125 mL, 500 mL).
- Structures and built-in impellers designed for ease of operation. No more washing and re-assembly, single-use so you spend time on what is really important.

Touchscreen

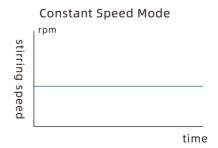
- The controller features a capacitive touchscreen for quick and responsive operation.
- It has a user-friendly design with a 30° screen tilt angle, making it easy to view while standing.

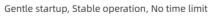
Main Engine

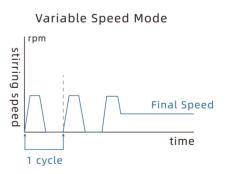
- ► 4-channel to increase efficiency, each can be individually controlled or linked for parallel experiments.
- ► Ultra-slim design to optimally utilize the capacity of your incubator.

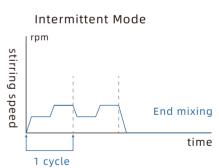
Product Features

Various Operating Modes









Technical Specification

Parameter	Specification
Dimensions (L × W × H)	Main Engine: 335 × 340 × 48 mm; Controller: 170 × 200 × 80 mm
Weight	Main Engine: 6.67 kg; Controller: 0.6 kg
Power Supply	AC 100-240 V, 50/60 Hz
Operation Environment	Main Engine: 2 °C to 50 °C, at 95% humidity, Controller: Dry, oil-free, non-corrosive
Stirring Speed	-120 rpm to 120 rpm
No. of Channels	4