



2024 BROCHURE



Coming Soon...



Cultivation Incubators

Innovative Life Sciences Tools



Fermentation and Cell Cultivation Technology

Winpact is a product brand under Major Science, which provides a comprehensive and innovative line of cultivation products designed for different cell culture experiments and applications. It comes at a benchtop scale and has a large, color touch-screen panel with a user-friendly interface. Its distinctive functions include various programming operations to control the pump speed, pH levels, temperature, and more. The Winpact Fermentation System comes equipped with a full connection device to connect to any PC for real-time recording and environment control within the vessel.

serves as our major product brand under Major Science. We strive to create innovative fermentors and fermentation bioreactors for all your cell cultivation and fermentation needs.

Our Capabilities

- Innovative product design from our in-house R&D team
- Flexible production schedules
- ETL certified manufacturing facility
- CE and 3rd party certification
- OEM/ODM production experiences with leading companies
- Global marketing and product support
- Worldwide liability insurance across all product lines

Our Mission

Major Science is devoted to create life sciences research instruments through quality and innovation. Our mission is to deliver integrated laboratory solutions to our customers and distribution partners through collaborative teamwork, thoughtful innovation, practical efficiency and outstanding service.

Our Vision

Major Science is devoted to serving customers in the scientific community across the globe, which means we are constantly progressing toward further innovation and working for wider applications for our products.

Creating innovative cell cultivation solutions is among one of our highest priorities. For the Winpact family product lines, we will be adding vessels that are bigger and smaller in size, as well as pilot and production scale vessels. Furthermore, we are developing the means to create connections from multiple cell culture vessels in different conditions to a single controller. In addition, Major Science is expanding on the cell cultivation line with more optional devices that can be integrated with our current systems. These expansion includes various vessel types, parts, accessories, and sub-systems. We will also embed the use of disposable systems that function with plastic instead of glass vessels.

Our Quality Policy

As of January, 2013. Major Science is accredited to the SGS ISO 9001:2008 compliance.

Major Science strives to achieve high standard for customer satisfaction, we promise to always improve our quality by means of research and development, as well as embrace any challenge come forth within.



Our Values

Serving our customers

Major Science cares about what you care and we are dedicated to gaining your confidence. Major Science dedicated in providing best efforts to all of our customers' needs whether they are customized products or technical supports or others.

Innovation

Major Science is determined to use not only our expertise in the laboratory, but also the prior experience of our users and employees to breakthrough with the future generations of our cultivation products along with the advancement of all our other products.

Professionalism

Major Science has its own professional Research & Development team of scientists and product specialists that are further supported by an outperforming sales team. We integrate laboratory experiences with customers' feedback in order to ensure the best quality of products and services from the placing of your order to its delivery.

User-friendly Instruments

Major Science offers easy-to-operate and convenient instruments in the world of biotechnology. We provide simple and intuitive methods such as touch-screen and keypads for different applications that are easy to navigate and operate.

Staying Green, protecting mankind

Major Sciences collaborate with our global distributors to distribute our products to every corner of the world, we take pride and corporate social responsibility of being a good global citizen in ensuring the protection of our environment.

Slow-Speed Magnetic Stirrer

Demonstration in BIO Asia-Taiwan Exhibition 2024



Slow-Speed Magnetic Stirrer	WP-SMS
Speed	0, 1 to 100 rpm (1 rpm step)
Stirring Positions	4, Individual Rotation Control
Top Plate Material	316L
Capacity	4*3L
Controller	Color Touch panel
Mode	Continuous / Timing / Programable
Voltage	AC 100-240V, 50/60Hz
Dimensions (W x L x H)	320 x 320 x 80 mm
Weight	Stirrer: 4kg / controller: 1.5kg

Winpact Shaker

- Various speed settings from 20-500 rpm
- Equipped with a robust brushless DC motor for economical and noiseless operation
- Two modes of operation available: programmable or continuous
- Versatile accessories available for advanced culturing solutions
- Auto detection and power shutdown to platform weight imbalance or belt breakage

Cat. No.	WS-200	WS-201
Description	Winpact Orbital Shaker (universal platform included)	Winpact Orbital Anti-moistured Shaker (universal platform included)
Platform size	460 x 460 mm	
Shaking orbit	19 mm	
Speed range	20-500 rpm	
Speed increment	1 rpm	
Timer	999 (hr): 59 (min) / Continuous	
Display	3.5" Color TFT LCD screen	
Dimension (WxLxH)	Approx. 520 x 620 x 210 mm	
Rated Voltage	100-240V~, 50 / 60Hz, 2A	
Loading Capacity *	Approx. 500 rpm: 5 kg, 250 rpm: 30 kg	
Weight	Approx. 40kg	

* Different flask will reduce the maximum speed.



WS-200 / WS-201



Winpact Shaking Incubator

- Special designed drainage channel protects the motor and inner circuitry from accidental spills
- Multiple early error-detection mechanisms ensure operators' safety and completeness of experiment despite malfunction
- Lab-proven superior temperature uniformity
- A wide selection of racks, holders, sticky pads and accessories provides all-ranged compatibility to cell cultivation labwares
- Automatic system shutdown in the event of system over-heating
- Sensitivity adjustable G-sensor with warning embedded for imbalance weight detection
- Programmable or continuous mode for personnel operation
- Brushless DC motor provides long and quiet operation, durable and maintenance-free usage
- Hermetic chamber design significantly reduces operation noise and enhances precise temperature control
- 2-point temperature calibration ensures high temperature performance

Cat. No.	SI-200	SI-100*
Platform size	18.1" x 18.1" (460 x 460 mm)	10" x 10" (254 x 254 mm)
Shaking orbit	0.7" (19 mm)	
Speed range	20-500 rpm	
Speed increment	1 rpm	
Communication port	RS-485	
External temperature probe	PT-100	
Heating temperature range	Ambient +5°C to 65°C	
Power	600W	
Temp accuracy and uniformity	± 0.25°C at 37°C	
Timer	999 (hr) : 59 (min) / Continuous	
Display	3.5" Color TFT LCD screen	
Dimension (W x L x H)	Approx. 590 x 820 x 530 mm	Approx. 640 x 384 x 395 mm
Weight	154.3 lb (70 kg)	20 kg
Rated voltage	110 / 220V~, 50 / 60Hz, 6.3A	

*For reference only, subject to practice.

SI-200



A spare air/gas inlet to create particular environment for specific kinds of cell/microbial

NEW

Acrylic lid for clear viewing and easy access



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| | | | | | | | |
| Universal platform
Cat. No.: SI-200-01 | Adjustable angle tube rack (33 x 15 ml)
Cat. No.: SI-200-02 | Adjustable angle tube rack (16 x 50 ml)
Cat. No.: SI-200-03 | Universal spring rack
Cat. No.: SI-200-04 | Sticky pad platform
Cat. No.: SI-200-05 | Universal cushioned crossbar
Cat. No.: SI-200-06 | Microplate holders
Cat. No.: SI-200-07 (platform not included) | Flask holder
Cat. No.: SI-200-08~13 |

*tube not included

*Please visit our website at www.majorsci.com for more product selection and detailed information.

* All images are for reference only, actual products might differ from the pictures above.
* Technical specifications subject to change without notice.

Taiwan Office

No. 156, Sec. 1, Guoji Rd., Taoyuan Dist.,
Taoyuan City 33061, Taiwan
T/+886-3-3762878
F/+886-3-3761310

US Office

19959 Sea Gull Way
Saratoga, CA 95070
U.S.A.
T/ +1-408-366-9866
F/ +1-408-446-1107

Shanghai Office

Room 612, International business exhibition center,
9300 Hunan Road, Pudong, Shanghai, China
National toll-free No.:400-823-9177
T/ +86-21-50795277
F/ +86-21-50795277

India Office

D.No.7-143, 2nd Floor,
St.No.2,Nagendra Nagar,
Habsiguda, Hyderabad-500007.
India
T/ +91-40-27001515
T/ +91-40-27001586

