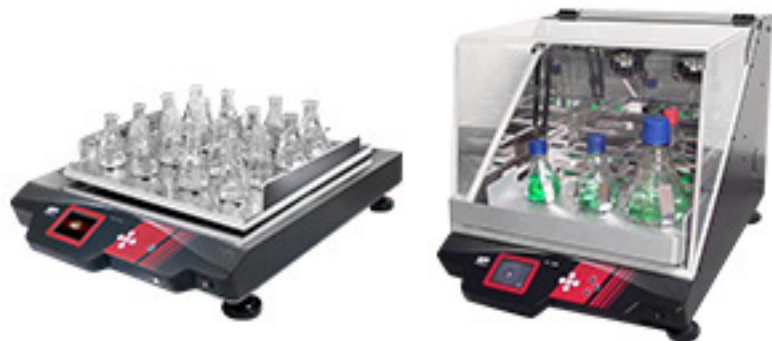


version 1.0



# 2023-2024 BROCHURE

*Cultivation Incubators*





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.

## 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	



WS-200 / WS-201

\* Different flask will reduce the maximum speed.



## 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 (universal platform included)
Platform size	460 x 460 mm
Shaking orbit	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

SI-200



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



Acrylic lid for clear viewing and easy access



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 (platform not included)  
Cat. No.: SI-200-07

Flask holder  
Cat. No.: SI-200-08-13

\*tube not included

\*Please visit our website at [www.majorsci.com](http://www.majorsci.com) for more product selection and detailed information.



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