



2016 Catalogue





Winpact Shaker

The MS WS-200 shaker is developed to offer an integrated solution for every mixing requirement. With a large 18.1" X 18.1" platform and a wide selection of labware holders, this versatile machine can accommodate five 2 L flasks or any combination of labwares up to 20 kg. This powerful machine is equipped with a maintenance-free brushless motor that permits the device to operate noiselessly even at 500rpm under programmable mode of operation or continuous mode up to 999hr.



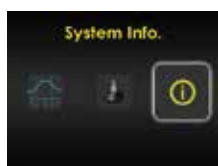
CE WS-200 series

Features

- Various speed settings from 20-500rpm
- 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 of platform imbalance and belt breakage with power shutdown strategy

Cat. No.	WS-200
Platform size	18.1" x 18.1" (46x46 cm)
Shaking orbit	3/4" (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. 20.4"x 24.4" x 8.3" (Approx. 52x62x21 cm)
Weight	Approx. 88.1 lb (Approx. 40 kg)
Rated Voltage	100-240V~ , 50 / 60Hz, 2A
Certification	CE
Loading Capacity *	Approx. 500 rpm: 5 kg, 250 rpm: 30 kg

* Different flask will reduce the maximum speed.



Accessories Racks and Tray

Cat. No.	Product Description	Max. Platform Capacity
SI-200-01	Universal platform	1
SI-200-02	Adjustable angle tube rack (33 x 15 ml)	4
SI-200-03	Adjustable angle tube rack (16 x 50 ml)	4
SI-200-04	Universal spring rack	2
SI-200-05	Sticky pad platform	1
SI-200-06	Universal cushioned crossbar	1
PPL-04-SI-SI-200-3	Sticky pad 20x20 cm	4

Microplate and flask holder

Cat. No.	Product Description	Max. Platform Capacity
SI-200-07	Microplate holder	9
SI-200-08	Flask holder, 50 ml	52
SI-200-09	Flask holder, 125 ml	25
SI-200-10	Flask holder, 250 ml	25
SI-200-11	Flask holder, 500 ml	16
SI-200-12	Flask holder, 1000 ml	9
SI-200-13	Flask holder, 2000 ml	5

Cultivation Incubator



Bioreactor / Fermentor

Winpack Shaking Incubator



SI-200



Major Science is introducing our newly innovated Winpack series shaking incubator. It provides you the stability and durability for all your fermentation and incubation needs. The system incorporate multi-safety features to put you at your ease of mind.



Acrylic lid for clear viewing and easy access



Features

- Special designed drainage channel protects the motor and inner circuitry from accidental spills
- Multiple early error-detection mechanisms ensure safety of operator and cultured cells in an event of device malfunctions
- 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

Specification

Cat. No.	SI-200
Platform size	18.1" x 18.1" (46 x 46 cm)
Shaking orbit	3/4" (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)	23.2"x 32.3"x 20.9" (Approx. 59 x 82 x 53 cm)
Weight	154.3 lb (70 kg)
Rated voltage	110 / 220V~, 50 / 60Hz, 6.3A

Accessories

Racks and Tray

Cat. No.	Product Description	Max. Platform Capacity
SI-200-01	Universal platform	1
SI-200-02	Adjustable angle tube rack (33 x 15 ml)	4
SI-200-03	Adjustable angle tube rack (16 x 50 ml)	4
SI-200-04	Universal spring rack	2
SI-200-05	Sticky pad platform	1
SI-200-06	Universal cushioned crossbar platform	1
PPL-04-SI-200-3	Sticky pad platform 20x20 cm	4

Microplate and flask holder

Cat. No.	Product Description	Max. Platform Capacity
SI-200-07	Microplate holder	9
SI-200-08	Flask holder, 50 ml	52
SI-200-09	Flask holder, 125 ml	25
SI-200-10	Flask holder, 250 ml	25
SI-200-11	Flask holder, 500 ml	16
SI-200-12	Flask holder, 1000 ml	9
SI-200-13	Flask holder, 2000 ml	5

*Different size of flask holder available as accessories.



Flask holder

Cat. No.: SI-200-08~13



Universal platform
Cat. No.: SI-200-01



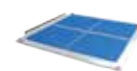
Adjustable angle
tube rack (33 x 15 ml)
Cat. No.: SI-200-02
*tube not included



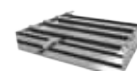
Adjustable angle
tube rack (16 x 50 ml)
Cat. No.: SI-200-03



Universal spring rack
Cat. No.: SI-200-04



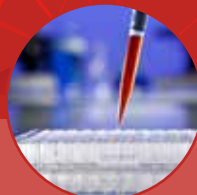
Sticky pad platform
Cat. No.: SI-200-05



Universal cushioned
crossbar platform
Cat. No.: SI-200-06



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



US Office

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

Taiwan Office

No. 37, Wuquan 5th Road,
Wugu Dist., New Taipei City 24888
Taiwan
T/ +886-2-2298-1055
F/ +886-2-2299-7871

India Office

No.12-13-104, St. No.3, Lane No.1,
Tarnaka, Secunderabad - 500017
Telengana, India
T/ +91-40-27001515
F/ +91-40-27001515



www.majorsci.com
info@majorsci.com