



WP
Winpact

version 1.0

2021-2022

Catalogue

Cultivation Incubator



INNOVATIVE CULTIVATION SOLUTIONS

Winpact Shaker

The WS-200 shaker is developed to offer an integrated solution for every mixing requirement. With a large 18.1"x18.1" platform and a wide selection of labware holders, this versatile machine can accommodate five 2L flasks or any combination of labwares up to 30kg. 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 / WS-201 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 and power shutdown to platform weight imbalance or belt breakage

Specification

Cat. No.	WS-200	WS-201
Description	Winpact Orbital Shaker (universal platform included)	Winpact Orbital Anti-moistured Shaker (universal platform included)
Platform Size	Approx. 18.1"x18.1" (460x460mm)	
Shaking Orbit	Approx. 0.7" (19mm)	
Speed Range	20-500rpm	
Speed Increment	1rpm	
Timer	999 (hr): 59 (min) / Continuous	
Display	3.5" Color TFT LCD screen	
Dimension (WxLxH)	Approx. 20.5"x24.4"x8.3" (520x620x210mm)	
Rated Voltage	100-240V~, 50 / 60Hz, 2A	
Loading Capacity *	Approx. 500rpm: 11" (5kg), 250rpm: 66.1" (30kg)	
Anti-moistured	N/A	Yes
Weight	Approx. 88.2lb (40kg)	



Ordering Information

Cat. No.	Product Description
WS-200	Winpact Orbital Shaker with universal platform included
WS-201	Winpact Orbital Anti-moisture Shaker with universal platform included

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-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

* Different flask will reduce the maximum speed.

Winpact Shaking Incubator



Acrylic lid for clear viewing and easy access

Major Science is introducing our newly innovated Winpact 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.



CE SI-200

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

- 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

Specification

Cat. No.	SI-200
Platform size	18.1" x 18.1" (460 x 460 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 (WxLxH)	23.2" x 32.3" x 20.9" (Approx. 590 x 820 x 530 mm)
Weight	154.3 lb (70 kg)
Rated voltage	110 / 220V~, 50 / 60Hz, 6.3A



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



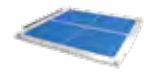
Adjustable angle tube rack (33 x 15 ml)
Cat. No.: SI-200-02
**tube not included*



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)



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

Ordering Information

Cat. No.	Product Description
SI-200	Winpact Shaking Incubator with universal platform included

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-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

**Different size of flask holder available as accessories.*



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