



SHAKERS



3-D GYRATORY ROCKERS LGR-100 SERIES

Labocon 3-D Gyratory Rockers LGR-100 Series utilizes a gentler 3D gyratory action where the platform moves in a three dimensional motion about the central point. With a large platform, the rockers can accommodate large vessels such as culture flasks, petri dishes etc. The non-slip matt on the tray prevents the vessels slipping away during agitation. They are suitable for low foaming agitating and widely used in DNA extractions, staining and de-staining procedures.

Features

For Model LGR-101:

- Compact space-saving design fits easily in incubator and refrigerator
- Smooth 3D gyratory motion
- Adjustable speed control provides gentle to vigorous agitation
- Continuous operation
- Aluminium-alloyed platform provides strong bearing capability
- Universal platform with anti-slip mat prevents slipping

For Model LGR-102:

- Smooth 3D gyratory motion
- LCD digital display for speed and timer function
- Continuous or timed operation
- Simultaneous display of speed and time
- Brushless DC motor that provides maintenance-free, reliable and quiet operation
- Universal platform with anti-slip mat prevents slipping
- Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers

Application:

Labocon 3-D Gyratory Rockers is suitable for rocking and mixing applications like gel staining and de-staining, hybridization experiments, immune precipitation and western blots, etc.

Specification

Model	LGR-101	LGR-102
Temp. Range	5-40°C	
Shaking Motion	3-D Gyratory	
Shaking Speed Range	0-80 rpm	10-70 rpm
Humidity	80 %RH	
Tilt Angle	7°	9°
Timer Range	None	1-1199 min
Operation	Continuous	Continuous/Timed
Display	Analog	LCD
Max. Load Capacity	3 kg	5 kg
Overall Dimension	330x270x130 mm	430x360x106 mm
Power	20 W	40 W
Power Supply	240 V, 60 Hz	
Weight	2.7 kg	9 kg
Catalog No.	9173158163	9173159163



LGR-101

Accessories for LGR-101

Model	Description
LUP-03	Universal attachment with 3 horizontal bars (Universal Platform)
LUP-04	Universal attachment with 3 vertical bars (Universal Platform)
LFP-03	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

Accessories for LGR-102

Model	Description
LUP-05	Universal attachment with 4 horizontal bars (Universal Platform)
LUP-06	Universal attachment with 4 vertical bars (Universal Platform)
LFP-05	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

3-D GYRATORY ROCKERS LGR-200 SERIES

Labocon 3-D Gyratory Rockers LGR-200 Series utilizes a gentler 3D gyratory action where the platform moves in a three dimensional motion about the central point. With a large platform, the rockers can accommodate large vessels such as culture flasks, petri dishes etc. The non-slip matt on the tray prevents the vessels slipping away during agitation. They are suitable for low foaming agitating and widely used in DNA extractions, staining and de-staining procedures.

Features

- Compact space-saving design fits easily in incubator and refrigerator
- Smooth 3D gyratory motion
- Microprocessor controlled function
- **Model LGR-201 and LGR-203:**
 - Timer set up to 2 hours
 - Speed control in 10 min integral selection
- **Model LGR-202 and LGR-204:**
 - Digital timer set up to 9 hours
 - Speed control in 1rpm increment
 - Audio alarm when the motor is stalled or overload

Application:

Labocon 3-D Gyratory Rockers is suitable for rocking and mixing applications like gel staining and de-staining, hybridization experiments, immune precipitation and western blots, etc.



LGR-203

Specification

Model	LGR-201	LGR-202	LGR-203	LGR-204
Temp. Range	4-40°C			
Shaking Motion	3-D Gyratory			
Shaking Speed Range	5-70 rpm		35-70 rpm	
Humidity	80 %RH			
Tilt Angle	3-12°			
Timer Range	120 min	540 min	120 min	540 min
Operation	Continuous/Timed			
Display	Analog	LED	Analog	LED
Max. Load Capacity	10 kg			
Overall Dimension	240x300x210 mm		360x420x210 mm	
Power Supply	230 V, 60Hz			
Power	50 W			
Weight	6 kg		10 kg	
Catalog No.	9173160106	9173161106	9173162106	9173163106

ORBITAL AND RECIPROCAL SHAKER LORS-100

Labocon Orbital and Reciprocal Shaker LORS-100 Series is a dual action shaker with variable speed control mechanism that provides gentle to vigorous shaking. It is compact with micro-computer control technology. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Dual action shaker with orbital and reciprocal motion by manual adjustment Compact space-saving design fits easily in incubator and refrigerator
- Complete moisture-proof treatment makes it to be used in humidity area
- Operation up to 400 rpm possible
- Microprocessor Digital PID controller and touch screen operating panel
- Indication of temperature, speed, time and state of power failure through 5 digit LED display
- Plate type Brushless DC motor and anti-belt driving system ensures maintenance-free, reliable and quiet operation
- Anti-vibration, quiet and maintenance-free system
- Artificial intelligence system maintains speed accuracy and time
- Model LORS-101: Attached with shaker remote controller
- Easy to change accessory platform

Application

Labocon Orbital and Reciprocal Shaker is suitable for extractions, mixing blood samples, and silver staining of polyacrylamide gels, etc.



Specification

Model	LORS-101	LORS-102
Temp. Range	No heating function	
Shaking Motion	Orbital & Reciprocal	
Shaking Speed Range	30-300 rpm	
Shaking Orbit	30 mm	
Timer Range	Continuous or up to 48 hours	
Operation	Continuous/Timed	
Display	5 digit LED	
Max. Load Capacity	10 kg	
Platform Dimension	220x455mm x 2	
Overall Dimension	460x520x195mm	
Power		
Power Supply	220 V, 60 Hz	
Weight	38 kg	
Catalog No.	9173169362	9173170362

RECIPROCAL SHAKER LRS-100 SERIES

Labocon Reciprocal Shaker LRS-100 Series is designed for shaking, mixing and aeration applications. It is compact with micro-computer control technology. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Compact space-saving design fits easily in incubator and refrigerator
- Simultaneous display of speed, timer and operating mode
- Electronic time switching clock controls time or continuous operation mode
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Over speed detection and protection
- Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers
- RS232 interface enables data logging & computer control

Application

Labocon Reciprocal Shaker is suitable for cell culturing and mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LRS 101



LRS 102

Specification

Model	LRS-101	LRS-102	LRS-103
Temp. Range	5-40°C		
Shaking Motion	Reciprocal		
Shaking Speed Range	100-350 rpm	0-200 rpm	100-350 rpm
Shaking Orbit	4 mm	20 mm	10 mm
Timer Range	1-1199min	None	1-1199min
Operation	Continuous/Timed	Continuous	Continuous/Timed
Display	LCD	Analog	LCD
Max. Load Capacity	2.5 kg	3 kg	7.5 kg
Platform Dimension	240x240 mm		320x320mm
Overall Dimension	340x300x100 mm	330x270x110 mm	420x370x100 mm
Power	30 W		
Power Supply	240 V, 60 Hz		
Weight	8.1 kg	3.1 kg	13.5 kg
Catalog No.	9173164163	9173165163	9173166163

Accessories for LRS-101 and LRS-102

Model	Description
LUP-03	Universal attachment with 3 horizontal bars (Universal Platform)
LUP-04	Universal attachment with 3 vertical bars (Universal Platform)
LFP-03	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

Accessories for LRS-103

Model	Description
LUP-05	Universal attachment with 4 horizontal bars (Universal Platform)
LUP-06	Universal attachment with 4 vertical bars (Universal Platform)
LFP-05	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

RECIPROCAL SHAKER LRS-200 SERIES

Labocon Reciprocal Shaker LRS-200 Series is designed for shaking, mixing and aeration applications. It is compact with micro-computer control technology. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Microprocessor control with simultaneous display of time and speed
- Safe for using petri dish, culture bottle and flask
- Anti- vibration
- Anti-malfunction

Application

Labocon Reciprocal Shaker is suitable for cell culturing and mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.

Specification

Model	LRS-201
Temp. Range	No heating function
Capacity	4 x 96 well plates
Shaking Motion	Reciprocal
Shaking Speed Range	4-35 rpm
Angle Range	±7° from horizontal
Timer Range	Up to 3h or continuous
Operation	Continuous/Timed
Display	Analog
Max. Load Capacity	5 kg
Platform Dimension	290x200 mm
Overall Dimension	305x255x165 mm
Power	35 W
Power Supply	220 V, 60 Hz
Weight	6 kg
Catalog No.	9173167362

RECIPROCAL SHAKER LRS-300 SERIES

Labocon Reciprocal Shaker LRS-300 Series is designed for shaking, mixing and aeration applications. It is equipped with advanced microprocessor controller and an embedded RPM controller that facilitates superior, outstanding and highly convenient performance. It also features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Exterior material made of powder coated steel plate
- Superior durability and outstanding loading capacity
- Minimization of vibration through low-center design
- Use of a highly flexible belt to prevent frequent disconnection factors
- Rotation of shaker in regular and reverse directions
- Easy movement and operation with an incubator and cold chamber
- Adjustable speed control provides gentle to vigorous agitation
- Input through touch button
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- 7-segment LED display

Application

Labocon Reciprocal Shaker is suitable for cell culturing and mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



Specification

Model	LRS-301
Temp. Range	No heating function
Shaking Motion	Reciprocal
Shaking Speed Range	30-350 rpm
Speed Increment	10 rpm
Shaking Orbit	22mm
Timer Range	Range selectable 59min 59s, 59h 59min, continuous
Operation	Continuous/Timed
Display	
Max. Load Capacity	
Platform Dimension	
Overall Dimension	350x420x97 mm
Power	
Power Supply	220 V, 60 Hz
Catalog No.	9173168147

Accessories

Model	Description (Volume x No. of Flask)
LPF-29	100ml x 16
LPF-30	250ml x 13
LPF-31	500ml x 9
LPF-32	1000ml x 4
LPF-33	2000ml x 2

ORBITAL SHAKER LOS-100 SERIES

Labocon Orbital Shaker LOS-100 Series is designed for shaking, mixing and aeration applications. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Simple and digital type shaker
- Stable, quiet and continuous operation
- Variable speed and timer control
- Digital display of speed and time (LOS-103, LOS-104)

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS-101

Specification

Model	LOS-101	LOS-102	LOS-103	LOS-104
Temp. Range	None			
Shaking Motion	Orbital			
Shaking Speed Range	20-240 rpm			
Shaking Orbit	20 mm			
Timer Range	0-30 min mechanical timer		99h 59 min digital timer	
Operation	Continuous/Timed			
Display	Analog		Digital	
Max. Load Capacity	2 kg at 20-150 rpm 1 kg at 151-240 rpm			
Platform Dimension	230x230 mm	280x280 mm	230x230 mm	280x280 mm
Overall Dimension	260x295x140 mm		260x295x140 mm	280x295x140 mm
Power	10 W			
Power Supply	220 V, 60 Hz			
Weight	5/5.5 kg	5.5/6 kg	5/5.5 kg	5.5/6 kg
Catalog No.	9173123162	9173124162	9173125162	9173126162

ORBITAL SHAKER LOS-200 SERIES

Labocon Orbital Shaker LOS-200 Series is designed for shaking, mixing and aeration applications. It is compact with micro-computer control technology. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Adjustable speed control provides gentle to vigorous agitation
- Microprocessor control with simultaneous display of time and speed
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Audio alarm signals program completion
- Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS 201



LOS 203

Specification

Model	LOS-201	LOS-202	LOS-203
Temp. Range	4-45°C		
Shaking Motion	Orbital		
Shaking Speed Range	50-350 rpm	50-300 rpm	50-250 rpm
Shaking Orbit	10 mm	20 mm	30 mm
Timer Range	1min-99h59 min		
Operation	Continuous/Timed		
Display	LED		
Max. Load Capacity	2 kg		
Platform Dimension	246x206 mm	270x220 mm	270x218 mm
Overall Dimension	280x260x90 mm		
Power	50 W		
Power Supply	230 V, 60 Hz		
Weight	7.5 kg		
Catalog No.	9173127344	9173128344	9173129344

Optional Accessories

Model	Description
LPC-O1	Platform with clamps for flasks, 100-150ml
LPC-O2	Platform with clamps for flasks, 250-300ml
LUP-O1	Universal platform with adjustable bars for different types of flasks, bottles
LFP-O1	Flat platform with non-slip rubber mat

ORBITAL SHAKER LOS-300 SERIES

Labocon Orbital Shaker LOS-300 Series are well designed, providing a long working life even under repeated and continuous use. These versatile orbital shakers operate with a 10-mm diameter orbital action, with a shaking speed ranging from 100 rpm to 500 rpm. A wide range of platforms is available, making them ideal for use with culture flasks, Petri dishes, Erlenmeyer flasks, bottles and other vessels.

Features

- Compact space-saving design fits easily in incubator and refrigerator
- Simultaneous display of speed, timer and operating mode
- Electronic time switching clock controls time or continuous operation mode
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Over speed detection and protection
- Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers
- RS232 interface enables data logging & computer control

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS 301



LOS 302

Specification

Model	LOS-301	LOS-302	LOS-303
Temp. Range	+4-40°C		
Shaking Motion	Orbital		
Shaking Speed Range	0-200 rpm	100-800 rpm	100-500 rpm
Shaking Orbit	20 mm	4 mm	10 mm
Timer Range	None	1-1199 min	
Operation	Continuous	Continuous/Timed	
Display	Analog	LCD	
Max. Load Capacity	3 kg	2.5 kg	7.5 kg
Platform Dimension	240x240 mm		320x320mm
Overall Dimension	330x270x110 mm	340x300x100 mm	420x370x100 mm
Power	30 W		
Power Supply	240 V, 60 Hz		
Weight	3.1 kg	8.1 kg	13.5 kg
Catalog No.	9173130163	9173131163	9173132163

Accessories for LOS-301 and LOS-302

Model	Description
LUP-03	Universal attachment with 3 horizontal bars (Universal Platform)
LUP-04	Universal attachment with 3 vertical bars (Universal Platform)
LFP-03	Tissue Culture Flask platform with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

Accessories for LOS-303

Model	Description
LUP-05	Universal attachment with 4 horizontal bars (Universal Platform)
LUP-06	Universal attachment with 4 vertical bars (Universal Platform)
LFP-05	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

ORBITAL SHAKER LOS-400 SERIES

Labocon Orbital Shaker LOS-400 Series is designed for shaking, mixing and aeration applications. It is equipped with microprocessor control technology and a long lasting brushless motor that enables quiet operation and consistent performance. The multi-functional shaking system is suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Multi-functional shaking system
- Compact space-saving design fits easily in incubator and refrigerator
- Adjustable speed control provides gentle to vigorous agitation
- Microprocessor control with simultaneous display of time and speed
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Self-diagnostic function ensures identification of errors (LOS-403)
- Programmable designs with 9 steps and 9 programs (LOS-403)
- Shaking modes can be set in maximum 9 ways of Forward/Backward/Pause/Mix & Match (LOS-403)
- Audio alarm signals program completion
- Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS 401



LOS 402

Specification

Model	LOS-401	LOS-402	LOS-403
Temp. Range	Ambient +5-40°C		
Shaking Motion	Orbital		
Shaking Speed Range	50-250 rpm	50-300 rpm	50-250 rpm
Shaking Orbit	20 mm	10 mm	10, 15, 20 mm available
Timer Range	1min-99h 59 min		0-99h 59min
Operation	Continuous/Timed		
Display	LED		
Max. Load Capacity	2.5 kg	3 kg	8 kg
Platform Dimension	270x230 mm		(LFP-03 and LFP-04) 320x270x20 mm (LUP-03 and LUP-04) 400x280x133 mm
Overall Dimension	280x270x110 mm		320x350x145 mm
Power	50 W		
Power Supply	DC 24V		240 V, 60 Hz
Weight	7.2 kg		17.5 kg
Catalog No.	9173133105	9173134105	9173135105

Optional Accessories for Model LOS-401, LOS-402

Model	Description
LPC-03	Platform with clamps for flasks, 100-150ml
LPC-04	Platform with clamps for flasks, 250-300ml
LUP-02	Universal platform with adjustable bars for different types of flasks, bottles
LFP-02	Flat platform with non-slip rubber mat

Accessories for Model LOS-403

Model	Description
LFC-01	Flask Clamps SH100 for 50~100ml
LFC-02	Flask Clamps SH250 for 200~250ml
LFC-03	Flask Clamps SH500 for 500ml
LFC-04	Flask Clamps SH1000 for 1000ml
LFP-03	S-PP-1 Platform W320 x D290mm
LFP-04	S-PP-2 Platform W300 x D270mm
LUP-03	S-UP-1 Platform W340 x D280 x H175mm
LUP-04	S-UP-2 Platform W340 x D280 x H175mm

ORBITAL SHAKER LOS-500 SERIES

Labocon Orbital Shaker LOS-500 Series is designed for shaking, mixing and aeration applications. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Stainless steel platform and clamps
- Easy to use continuous operation
- Suitable for carrying heavy load
- Brushless DC motor ensures maintenance-free, reliable and quiet operation

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS 501

Specification

Model	LOS-501	LOS-502	LOS-503	LOS-504
Temp. Range	No heating function			
Shaking Motion	Orbital			
Shaking Speed Range	10-250 rpm			
Shaking Orbit	25 mm			
Timer Range	None			
Operation	Continuous			
Display	Analog			
Max. Load Capacity	5 kg	15 kg		20 kg
Platform Dimension	340x340 mm	500x500 mm	600x600 mm	1060x600 mm
Overall Dimension	380x410x195 mm	560x600x225 mm	660x580x225 mm	1120x700x225 mm
Power	50 W	100 W		120 W
Power Supply	220 V, 60 Hz			
Weight	45 kg			
Catalog No.	9173136162	9173137162	9173138162	9173139162

Accessories

Model	Description (Flask Capacity)
LFC-10	50ml
LFC-11	125ml
LFC-12	250ml
LFC-13	500ml
LFC-14	1L
LFC-15	2L

ORBITAL SHAKER LOS-600 SERIES

Labocon Orbital Shaker LOS-600 Series is designed for shaking, mixing and aeration applications. It is compact with micro-computer control technology. It features adjustable speed control that provides gentle to vigorous agitation. The low noise and stable operation makes it suitable for use in different laboratories like molecular biology, microbiology, immunology, chemistry, etc.

Features

- Easy to clean anti-eroding stainless steel or alnico plate
- Microprocessor based PID controller with timing function
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Audio alarm signals program completion
- Smooth start and stop system prevents liquid spillage
- Programmable controller with LCD screen (LOS-606, LOS-607)
- Heating plate function (LOS-606, LOS-607)
- Over-temperature alarm (LOS-606, LOS-607)

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LOS 605



LOS 606

Specification

Model	LOS-601	LOS-602	LOS-603	LOS-604
Temp. Range	No heating function			
Shaking Motion	Orbital			
Shaking Speed Range	50-250 rpm		20-300 rpm	
Shaking Orbit	10 mm	20 mm		
Timer Range	1-9999 min			
Operation	Continuous/Timed			
Display	Analog			
Max. Load Capacity				
Platform Dimension	280x270 mm		350x260 mm	400x340 mm
Overall Dimension	470x360x330 mm			520x540x400 mm
Power	100 W		110 W	120 W
Power Supply	220 V, 60 Hz			
Weight	7.2/10.27 kg			25/33 kg
Catalog No.	9173140250	9173141250	9173142250	9173143250

Model	LOS-605	LOS-606	LOS-607	LOS-608
Temp. Range	No heating function	RT 5-100°C		RT +5-65°C
Shaking Motion	Orbital			
Shaking Speed Range	20-300 rpm	20-250 rpm		20-300 rpm
Shaking Orbit	20 mm			
Timer Range	1-9999 min			
Operation	Continuous/Timed			
Display	Analog	LCD		Analog
Max. Load Capacity				
Platform Dimension	450x450 mm	350x260 mm	380x430 mm	400x340 mm
Overall Dimension	660x620x410 mm	580x530x360 mm		820x670x930 mm
Power	130 W	300 W	400 W	450 W
Power Supply	220 V, 60 Hz			
Weight	30/39 kg	21/33 kg		68/80 kg
Catalog No.	9173144250	9173145250	9173146250	9173147250

Platform Accessories

For Model	Model	Description (Volume x No. of flasks)
LOS-601, LOS-602	LPF-01	100ml x 12
	LPF-02	250ml x 6
LOS-604	LPF-03	50ml x 29
	LPF-04	100ml x 18
	LPF-05	250ml x 11
	LPF-06	500ml x 7
	LPF-07	1000ml x 4
	LPF-08	2000ml x 3
LOS-605	LPF-09	50ml x 42
	LPF-10	100ml x 28
	LPF-11	250ml x 12
	LPF-12	500ml x 11
	LPF-13	1000ml x 8
	LPF-14	2000ml x 4
LOS-608	LPF-15	50ml x 37
	LPF-16	100ml x 22
	LPF-17	250ml x 14
	LPF-18	500ml x 10

ORBITAL SHAKER (DOUBLE DECKER) LODS-100 SERIES

Labocon Orbital Shaker LODS-100 Series features a well-designed and robust Double Decker to increase capacity. The three eccentric shaft balancing drive ensures that the sample on platform shakes with the same speed. The unique design of speed monitoring circuit provides long working life under repeated and continuous use. A wide range of platforms available make them ideal for use with culture flasks, bottles and other vessels.

Features

- Easy to clean stainless steel platform
- Available in monolayer (LODS-101 and LODS-103) and double-decker design (LODS-102 and LODS-104)
- Three eccentric shaft balancing drive to ensure uniform sample shaking speed
- Unique speed monitoring circuit design
- Microprocessor controller with timer function for reliable temperature control
- Menu-driven easy to use interface
- Brushless DC motor ensures maintenance-free, reliable and quiet operation
- Slow startup function prevents liquid spillage
- Data retrieval on power failure
- Optional: Programmable Temperature Controller

Application

Labocon Orbital Shaker is suitable for cell culturing, staining/de-staining and general mixing in microbiology, chemistry, immunology, biochemistry, molecular biology, biopharmaceutical and biomedical laboratories.



LODS 101



LODS 102

Specification

Model	LODS-101	LODS-102	LODS-103	LODS-104
Temp. Range	RT +5-65°C		4-65°C	
Shaking Motion	Orbital			
Shaking Speed Range	20-300 rpm			
Shaking Orbit	30/50 mm			
Timer Range	0-500 h			
Operation	Continuous/Timed			
Display	LCD			
Max. Load Capacity				
Platform Dimension	800x600 mm		920x640 mm	
Overall Dimension	1000x890x780 mm	1070x950x890 mm	1210x1050x780 mm	1280x1150x890 mm
Power	400 W			
Power Supply	220 V, 60 Hz			
Weight	151/168 kg	168/195 kg	176/198 kg	196/225 kg
Catalog No.	9173148250	9173149250	9173150250	9173151250

Platform Accessories

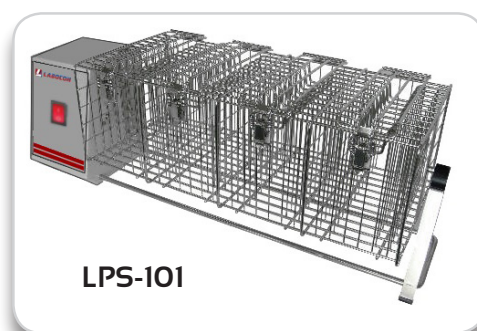
For Model	Model	Description (Volume x No. of Flask) / Desk
LODS-101, LODS-102	LPF-19	500ml x 60
	LPF-20	250ml x 48
	LPF-21	500ml x 30
	LPF-22	1000ml x 20
	LPF-23	2000ml x 12
LODS-103, LODS-104	LPF-24	500ml x 60
	LPF-25	250ml x 63
	LPF-26	500ml x 35
	LPF-27	1000ml x 35
	LPF-28	2000ml x 16

PLATELET SHAKER LPS-100 SERIES

Labocon Platelet Shaker LPS-100 Series is especially designed to meet the demands of various clinical laboratories. They are made of high-grade steel with stainless steel trays for easy cleaning and durability. It is supplied with multiple trays to accommodate 12-48 platelet bags and is low maintenance with quiet operation.

Features

- Platelet bags can be loaded easily on the stainless steel drawer
- Mesh design provides air circulation
- Exhibits a steady and smooth 360° movement
- Stainless steel shelves can be easily cleaned
- Easy monitoring of speed
- Equipped with a tachometer
- Optional: Basket



Application

Labocon Platelet Shaker is widely used in blood banks and clinical research laboratories.

Specification

Model	LPS-101	LPS-102	LPS-103	LPS-104
Capacity	12 bags	24 bags	36 bags	48 bags
Shaking Speed Range	0-9 rpm			
Shelves	1	2	3	4
Overall Dimension	370x255x290 mm	510x255x290 mm	650x255x290 mm	790x255x290 mm
Power	30 W			
Power Supply	220 V, 60 Hz			
Weight	7.5/8.5 kg	9/10 kg	10/11 kg	11/13 kg
Catalog No.	9173107162	9173108162	9173109162	9173110162

PLATELET SHAKER LPS-200 SERIES

Labocon Platelet Shaker LPS-200 Series is especially designed to meet the demands of various clinical laboratories. They are made of high-grade steel with stainless steel trays for easy cleaning and durability. It is supplied with multiple trays to accommodate 42-84 platelet bags and is low maintenance with quiet operation.

Features

- Platelet bags can be loaded easily on the stainless steel basket
- Mesh design provides air circulation
- Side-by-side 38mm movement of the storage frame
- Exhibits a steady and smooth 360° movement
- Equipped with a ball bearing drive motor and an internal fan



Application

Labocon Platelet shaker is widely used in blood banks and clinical laboratories.

Specification

Model	LPS-201	LPS-202
Capacity	42 bags	84 bags
Shaking Speed Range	70 rpm	
Shelves	7	
Overall Dimension	460x350x360 mm	840x350x360 mm
Power	30 W	50 W
Power Supply	220 V, 60 Hz	
Weight	26/28 kg	39/49 kg
Catalog No.	9173111162	9173112162

SEE SAW ROCKERS LSSR-100 SERIES

Labocon See Saw Rockers LSSR-100 Series utilizes a see saw or wave action, where the platform rocks on a central point. With smaller footprint, but high driving force, more platforms can be added by stacking two more platforms to accommodate more samples. These rockers are suitable for mixing various flat bottles, such as culture flasks, Petri dishes etc.

Features

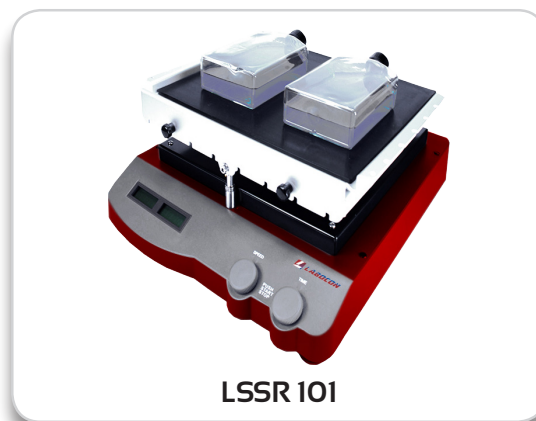
- **For Model LSSR-101:**
 - Compact space-saving design fits easily in incubator and refrigerator
 - Smooth see-saw rocking motion
 - Adjustable speed control provides gentle to vigorous agitation
 - Continuous operation
 - Aluminium-alloyed platform provides strong bearing capability
 - Universal platform with anti-slip mat prevents slipping
- **For Model LSSR-102:**
 - Smooth see-saw rocking motion
 - LCD digital display for speed and timer function
 - Continuous or timed operation
 - Simultaneous display of speed and time
 - Brushless DC motor that provides maintenance-free, reliable and quiet operation
 - Universal platform with anti-slip mat prevents slipping
 - Accommodate a variety of platforms, non-slip rubber mat, conical flasks and other sample containers

Application

Labocon See Saw Rockers is suitable for rocking and mixing applications like gel staining and de-staining, hybridization experiments, immune precipitation and western blots, etc.



LSSR 101



LSSR 101

Specification

Model	LSSR-101	LSSR-102
Temp. Range	5-40°C	
Shaking Motion	See Saw	
Shaking Speed Range	0-80 rpm	10-70 rpm
Humidity	30 mm	
Tilt Angle	7°	9°
Timer Range	None	1-1199 min
Operation	Continuous	Continuous/Timed
Display	Analog	LCD
Max. Load Capacity	3 kg	10 kg
Overall Dimension	330x270x130 mm	410x360x200 mm
Power	20 W	50 W
Power Supply	240 V, 60 Hz	
Weight	3.2 kg	9 kg
Catalog No.	9173152163	9173153163

Accessories for model LSSR-101

Model	Description
LUP-03	Universal attachment with 3 horizontal bars (Universal Platform)
LUP-04	Universal attachment with 3 vertical bars (Universal Platform)
LFP-03	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

Accessories for model LSSR-102:

Model	Description
LUP-05	Universal attachment with 4 horizontal bars (Universal Platform)
LUP-06	Universal attachment with 4 vertical bars (Universal Platform)
LFP-05	Tissue Culture Flask platform, with anti-slip surface (Flat Platform)
LFP-04	Fixing Clip Platform (Flat Platform)
LFC-05	25ml Fixing Clip (Flask Clamps)
LFC-06	50ml Fixing Clip (Flask Clamps)
LFC-07	100ml Fixing Clip (Flask Clamps)
LFC-08	200/250ml Fixing Clip (Flask Clamps)
LFC-09	500ml Fixing Clip (Flask Clamps)

SEE SAW ROCKING SHAKER LSSR-200 SERIES

Labocon See Saw Rockers LSSR-200 Series utilizes a see saw or wave action, where the platform rocks on a central point. With smaller footprint, but high driving force, more platforms can be added by stacking two more platforms to accommodate more samples. These rockers are suitable for mixing various flat bottles, such as culture flasks, Petri dishes etc.

Features

- Smooth see-saw rocking motion
- Microprocessor controlled function
- Small footprint and high driving force enables addition of platforms to accommodate more samples
- **Model LSSR-201 and LSSR-203:**
 - Timer set up to 2 hours
 - Speed control in 10 min integral selection
- **Model LSSR-202 and LSSR-204:**
 - Digital timer set up to 9 hours
 - Speed control in 1rpm increment
 - Audio alarm when the motor is stalled or overload

Application

Labocon See Saw Rockers is suitable for rocking and mixing applications like gel staining and de-staining, hybridization experiments, immune precipitation and western blots, etc.



LSSR 201

Specification

Model	LSSR-201	LSSR-202	LSSR-203	LSSR-204
Temp. Range	4-40°C			
Shaking Motion	See Saw			
Shaking Speed Range	5-70 rpm			
Humidity	80 %RH			
Tilt Angle	7°			
Timer Range	120 min	540 min	120 min	540 min
Operation	Continuous/Timed			
Display	Analog	LED	Analog	LED
Max. Load Capacity	10 kg			
Overall Dimension	240x300x180 mm		360x420x180 mm	
Power	50 W			
Power Supply	230 V, 60 Hz			
Weight	6 kg		10 kg	
Catalog No.	9173154106	9173155106	9173156106	9173157106



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