



RECIPROCAL SHAKER

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.



LRS 301

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



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