

 **LABTRON**



Reciprocal SHAKER

LRS - SERIES

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Reciprocal Shaker

Reciprocal Shaker LRS-A Series

Our model of Reciprocal Shaker LRS-A 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 and computer control




Application

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

Reciprocal Shaker LRS-A Series

Technical Parameters

Model	LRS-A10	LRS-A20	LRS-A30	LRS-A40	LRS-A50
Maximum Load Capacity	2.5Kg	3Kg	7.5Kg	5Kg	
Capacity	4 x 96 well plates				
Platform Dimension	240x240mm		320x320mm	290x200mm	
Shaking Speed Range	100-350rpm	0-200rpm	100-350rpm	4-35rpm	30-350rpm
Shaking Orbit	4mm	20mm	10mm		22mm
Angle Range				$\pm 7^\circ$ from horizontal	
Speed Increment					10rpm
Temperature Range	5-40°C				
Display	LCD	Analog	LCD	Analog	
Timer Range	1-1199min	None	1-1199min	Up to 3h or continuous	Range selectable 59min, 59s, 59h 59min, continuous
Shaking Motion	Reciprocal				
Operation	Continuous				
Overall Dimension	340x300x100mm	330x270x110mm	420x370x100mm	305x255x165mm	350x420x97mm
Weight	8.1Kg	3.1Kg	13.5Kg	6Kg	
Power	30W				
Power Supply	240V, 60Hz				



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