



MICROPLATE SHAKER

MICROPLATE SHAKER LMS-100 SERIES

Labocon Microplate Shaker LMS-100 Series provides regulated shaking for two or four microplates. With a speed range of 300 to 500 rpm, it can be adjusted to suit gentle shaking to ensure that the well contents are not ejected or more vigorous agitation for effective aeration across the small surface area of each of the wells. They are suitable for mixing, incubation and cultivation of biological and chemical components in microbiology, cell and molecular biology, immunology and biotechnology.

Features

- Two-sided heating of micro plates allows achieving the set and actual temperature in wells of the micro plates
- Microprocessor PID temperature controller controls time and temperature with good linearity and small fluctuation
- User friendly touch operation interface
- Brushless DC Motor ensures low maintenance, high efficiency, constant speed of rotation
- Audio alarm signals program completion
- Data can be stored and recovered on power or system failure

Application

Labocon Microplate Shaker is suitable for incubation and cultivation of biological and chemical components, denaturing of nucleic acids and proteins, stains and blots, microtitre assays, enzyme and protein analysis etc. in microbiology, cell and molecular biology, immunology and biotechnology.



LMS 101



LMS 103

Specification

Model	LMS-101	LMS-102	LMS-103
Capacity	96 well x 2 plates	96 well x 4 plates	
Temp. Range	RT +5-70°C		No heating function
Temp. Uniformity	≤ ±0.5°C		None
Temp. Accuracy	≤ ±0.2°C		None
Heating Time	≤25min (from 20°C to 60°C)		None
Shaking Motion	Orbital		
Shaking Speed Range	300-1200 rpm		300-1500rpm
Shaking Orbit	-	-	-
Timer	0-99h 59min		
Operation	Continuous/Timed		
Display	LCD		LED
Dimension	284x264x157 mm	345x310x178 mm	284x264x121 mm
Power	150 W	250 W	40 W
Power Supply	220 V, 60 Hz		
Weight	5.5 kg	6 kg	
Catalog No.	9173101344	9173102344	9173103344

MICROPLATE SHAKER LMS-200 SERIES

Labocon Microplate Shaker LMS-200 Series provides regulated shaking for two or four microplates. With a speed range of 200 to 1500 rpm, it can be adjusted to suit gentle shaking to ensure that the well contents are not ejected or more vigorous agitation for effective aeration across the small surface area of each of the wells. They are suitable for mixing, incubation and cultivation of biological and chemical components in microbiology, cell and molecular biology, immunology and biotechnology.

Features

- **Model LMS-201 and LMS-203:**
 - Simultaneous shaking and incubation of 2 microplates (LMS-201) and 4 microplates (LMS-203)
 - Shaking speed, temperature and incubation time are programmable via keypad
 - Incubation up to 70°C in 0.1°C steps
 - Excellent temperature accuracy and uniformity across the plate
 - Microprocessor controlled time, speed and temperature
 - Continuous operation with easy to use interface
 - Brushless DC motor that provides maintenance-free, reliable and quiet operation (LMS-202)
 - Simple spring holders for easy installation of plate (LMS-202)
 - Beep-signal indicates completion of program

Application

Labocon Microplate Shaker is suitable for incubation and cultivation of biological and chemical components, denaturing of nucleic acids and proteins, stains and blots, microtitre assays, enzyme and protein analysis etc. in microbiology, cell and molecular biology, immunology and biotechnology.



Specification

Model	LMS-201	LMS-202	LMS-203
Capacity	96 well x 2 plates	96 well x 4 plates	
Temp. Range	8-70°C	No heating function	8-70°C
Temp. Uniformity	< 0.5°C	None	< 0.5°C
Temp. Accuracy	± 0.3°C	None	± 0.3°C
Heating Time	< 25 min (from 20 °C to 70°C)	None	< 25 min (from 20 °C to 70°C)
Shaking Motion	Orbital		
Shaking Speed Range	200-1200 rpm	300-1400 rpm	200-1500 rpm
Shaking Orbit	2 mm	3 mm	2 mm
Timer	0-99 h 59 min	59 h 99 min	0-99 h 59 min
Operation	Continuous/Timed		
Display	LCD	LED	
Dimension	280x270x140 mm	280x270x110 mm	320x350x185 mm
Power	150 W	40 W	250 W
Power Supply	220 V, 60 Hz		
Weight	6 kg	7 kg	9 kg
Catalog No.	9173104105	9173105105	9173106105



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