



MICROPLATE SHAKER INCUBATOR

MICROPLATE SHAKER INCUBATOR LMSI-100 SERIES

Labocon Microplate Shaker Incubator LMSI-100 Series provides regulated shaking for 2 or 4 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

- 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 Incubator 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.



LMSI 101

Specification

Model	LMSI-101	LMSI-102
Capacity	96 well x 2 plates	96 well x 4 plates
Temp. Range	RT +5-70°C	
Temp. Uniformity	≤ ±0.5°C	
Temp. Accuracy	≤ ±0.2°C	
Heating Time	≤ 25min (from 20°C to 60°C)	
Shaking Motion	Orbital	
Shaking Speed Range	300-1200 rpm	
Shaking Orbit	-	
Timer	0-99h 59min	
Operation	Continuous/Timed	
Display	LCD	
Dimension	284x264x157 mm	345x310x178 mm
Power	150 W	250 W
Power Supply	220 V, 60 Hz	
Weight	5.5 kg	6 kg
Catalog No.	9173101344	9173102344

MICROPLATE SHAKER INCUBATOR LMSI-200 SERIES

Labocon Microplate Shaker Incubator LMSI-200 Series provides regulated shaking for 2 or 4 microplates. With a speed range of 100 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

- Simultaneous shaking and incubation of 2 microplates (LMSI-201) and 4 microplates (LMSI-202)
- 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
- Beep-signal indicates completion of program

Application

Labocon Microplate Shaker Incubator 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.



LMSI-201

Specification

Model	LMSI-201	LMSI-202
Capacity	96 well x 2 plates	96 well x 4 plates
Temp. Range	RT+5°C~70°C	
Temp. Uniformity	< 0.5°C	
Temp. Accuracy	± 0.3°C	
Heating Time	< 25 min (from RT+5°C~70°C)	
Shaking Motion	Orbital	
Shaking Speed Range	100-1200 rpm	100-1500 rpm
Shaking Orbit	2 mm	2 mm
Timer	0-99 h 59 min	0-99 h 59 min
Operation	Continuous/Timed	
Display	LCD	
Dimension	280x270x150 mm	320x350x185 mm
Power	150 W	250 W
Power Supply	220 V, 60 Hz	
Weight	6.5 kg	9 kg
Catalog No.	9173104105	9173106105



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