

# Microplate Shaker

**LMS-C10**



**Labtron Equipment Ltd**

# Microplate Shaker LMS-C10

Microplate shaker LMS-C10 is a benchtop unit which can perform heating, mixing and cooling of samples. Various forms of sample blocks can be accommodated on the standard platform. Features like over-heat protection, low noise system, Peltier device, LCD display etc. ensures precise and reliable performance. It is used genetic analysis process, biochemical studies, cell biology experiments etc.

## Features:

- Performs heating, mixing and cooling of samples
- Peltier device for better thermal control
- Standard platform accommodates various sample block
- LCD Display
- Accurate control of speed, temperature and time
- Over-heat protection
- Least noise generated
- Easy to clean design
- Meets CE standards
- Compact Structure

## Applications:

Various preparatory steps in PCR, ELISA, genetic analysis, biochemical assays, cell lysis, cell biology studies, DNA/RNA isolation and purification, re-suspension of pellet etc. require it.

## Specifications:

Model No	LMS-C10
Temperature Control Range	0°C to 100°C if Ambient temp. $\leq$ 20°C
	4°C to 100°C if Ambient temp. $\leq$ 25°C
	10°C to 100°C if Ambient temp. $\leq$ 30°C
Temperature Setting Range	0°C to 100°C
Timer	1min to 99h59min
Temperature Control Accuracy	$\pm$ 0.5°C
Display Accuracy	$\pm$ 0.1°C
Mixing Speed	200 to 1500 rpm
Heating Time (25 to 100°C)	$\leq$ 15min
Cooling Time	$\leq$ 30min (from RT. to RT. -20°C)
	$\leq$ 15min (from 100°C to 20°C)
Mixing Orbit	2 mm
Dimension	300×220×175 mm
Net Weight	8.5 kg