

# STALWART

## Micro-plate Shaker Incubator SMC-700 Series



SMC-702



SMC-704

## Introduction

Micro-plate Shaker Incubator adopts micro-processing techniques combined with PID control, low profile and nice exterior, low noise and easy handling. It is mainly used in mixing and incubating samples in micro-plates, cell culture plates and other standard plates at proper temperature.

## Features

- LCD displays the setting and actual temperature, time and shaking speed simultaneously.
- Simple touch operation interface, streamlined fuselage, pretty appearance and convenient for cleaning.
- Both cover and bottom two-sides heating makes sample in each plate hole be heated uniformly.
- Micro-processor controls temperature and shaking speed. Good linearity of temperature control. Precise control of shaking speed.
- Configure 2 plates (for type SMC-2) or 4 plates (for type SMC-4). Beep alarm when operation ends.
- DC brushless motor drive, long life and free of maintenance

## Specification

Item	SMC-702	SMC-704
Speed Range	200~1200rpm	200~1200rpm
Shaking Orbit	3mm (horizontal)	2mm (horizontal)
Temp. Control Range	R.T.+5°C ~70°C	R.T.+5°C ~70
Temp. Setting Range	5°C~70°C	5°C~70°C
Temp. Stability@37°C	±0.2°C	±0.2°C
Platform Temp. Uniformity	±0.5°C	±0.5°C
Temp. Display Accuracy	0.1°C	0.1°C
Heating Speed Range	<25min (20°C to 70°C)	<25min (20°C to 70°C)
Time Range	1min~99h59min or short mix	1min ~99h59min or short mix
Sample Capacity	2 Pieces of Plates (Height 35mm)	4 Pieces of Plates(Height 40mm)
Voltage	AC 220V/AC 110V, 50/60Hz	AC 220V/AC 110V, 50/60Hz
Power	150W	250W
Fuse	250V, 1A/2A, Φ5x20	250V, 3A/5A, Φ5x20
Dimension	W.284 x D.264 x H.157mm	W.345 x D.310 x H.178mm
Net Weight	6.7kgs	10.5kgs