ST70-2/ST60-4 Micro-plate Shaker Incubator

Micro-plate Instruments

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.

Feature

1.LCD displays the setting and actual temperature, time and shaking speed simultaneously.
2.Simple touch operation interface, streamlined fuselage, pretty appearance and convenient for cleaning.
3.Both cover and bottom two-sides heating makes sample in each plate hole be heated uniformly.
4.Micro-processor controls temperature and shaking speed. Good linearity of temperature control. Precise control of shaking speed.
5.Configure 2 plates (for type ST70-2) or 4 plates (for type ST60-4). Beep alarm when operation ends.
6.DC brushless motor drive, long life and free of maintenance.



ST70-2



ST60-4

Parameter

Model	ST70-2	ST60-4
Speed Range	200~1200rpm	200~1200rpm
Shaking Orbit	3mm (horizontal)	2mm (horizontal)
Temp. Control Range	R.T.+5℃ ~70℃	R.T.+5℃ ~70℃
Temp. Setting Range	5℃~70℃	5℃~70℃
Temp. Stability@37℃	±0.2℃	±0.2℃
Platform Temp. Uniformity	±0.5℃	±0.5℃
Temp. Display Accuracy	0.1℃	0.1℃
Heating Speed Range	<25min (20℃ to 70℃)	<25min (20℃ to 70℃)
Time Range	1min~99h59min or short mix	1min ~99h59min or short mix
Sample Capacity	2 Pieces of Plates (Height<25mm)	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