

# ES-60/ES-60+ Incubator Shaker/ES-60E Micro-plate Incubator Shaker

The incubator shaker ES-60/ES-60+/ES-60E is one temperature controlled biochemical instrument combined incubation and shaking function. It is widely used in cell culture, fermentation, hybridization, biochemistry, research of enzyme and cell tissue, etc. which required higher quality of temperature controlling and shaking speed. It can dynamically and statically cultivate microbial cell and all kinds of strains.

ES-60E Standard Platform PW-1500



ES-60E



ES-60



ES-60+

## 【 Product features 】

1. Integrate incubator and shaker. Save laboratory space.
2. Rational and compact designed, good temperature uniformity, low noisy.
3. Micro-processor controls temperature and shaking speed. Timing function built in.
4. Design of Human-machine interface and operation panel. Cover can be wide-angle opened, convenient to watch and fetch the sample.
5. Built-in cover switch. When the cover is open, air circulation, heating and shaking will automatically stop. No temperature overshoot problem.
6. Unique speed control circuit to ensure shaker smooth starting and avoid liquid spilling.
7. Speed of the circulation fan is adjustable to avoid high-speed of the circulation fan making the sample volatilizing.
8. Independent temperature alarm system. Heating is cut off when temperature over the limited value.
9. Alarm when program completes.
10. Brushless DC motor, long life and maintenance free.

## 【 Technical Parameters 】

Type	ES-60 Incubator Shaker	ES-60+ Incubator Shaker	ES-60E Incubator Shaker
Temperature Control Range	R.T.+5 ~60℃		
Temperature Display Accuracy	0.1℃		
Temperature Control Accuracy@37℃	±0.3℃		
Timing Range	0 ~99h59min		
Shaking Speed	50 ~300 rpm		300 ~1200 rpm
Orbit	20mm (horizontal)		2mm (horizontal)
Power Supply	AC110V/220V 500W	AC110V/220V 700W	AC110V/220V 500W
Dimension	420x360x320mm	660x610x440mm	420x360x320mm
Optional Platform	Refer to "Platform Option"	Standard Platform PW-420 (410x420x65mm)	Standard Platform PW-1500 (280x214x13mm)



PP-4A Double Flat platform



PW-260 Universal platform

## 【 Platforms for Option 】



P6-250 Platform



UP-12 Universal platform  
( 1000ml flask x 2 / 250ml flask x 4 )



PP12-100 Platform



PP-4 Flat platform