

# ES-60 /ES-60+/ES-60E/ES-60C Incubator Shaker

ES-60/ ES-60+/ ES-60E/ ES-60C Incubator Shaker ES-60 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.



Speed Range



Time Setting



6 Platforms



ES-60C



ES-60



ES-60E

## 【 Product Features 】

1. Integrate incubator and shaker. Save lab space.
2. Compact designed, good temperature uniformity, low noise.
3. Micro-processor controls temperature and shaking speed. Built-in time function .
4. Friendly designed touch screen and operation panel. Cover can be widely angle opened, convenient to watch and pick sample.
5. Equiped with 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 smoothly starting to avoid liquid spilling.
7. Circulation fan speed can be adjusted to avoid high-speed of the circulation fan making the sample volatilizing.
8. Independent temperature alarm system. Heating is cut off when temperature is over the limited value.
9. Alarm after program finished.
10. Brushless DC motor, long life and free maintenance.

## 【 Technical Parameters 】

Model	ES-60	ES-60E	ES-60+	ES-60C
Speed Range	50rpm ~ 300rpm	200rpm ~ 1200rpm	50rpm ~ 300rpm	50rpm ~ 300rpm
Shaking Orbit	20mm (circle)	3mm (horizontal)	20mm (circle)	20mm (circle)
Temp. Control Range	R.T.+5 ~60°C	R.T.+5 ~60°C	R.T.+5 ~60°C	4 ~60°C@R.T.≤25°C
Temp. Setting Range	5 ~60°C	5 ~60°C	5 ~60°C	4 ~60°C
Temp. Stability@37°C	±0.3°C	±0.3°C	±0.3°C	±0.3°C
Temp. Display Accuracy	0.1°C	0.1°C	0.1°C	0.1°C
Time Range	1min ~ 99h59min or continuous	1min ~ 99h59min or continuous	1min ~ 99h59min or continuous	1min ~ 99h59min or continuous
Voltage	AC 220V / AC 110V, 50/60Hz	AC 220V / AC 110V, 50/60Hz	AC 220V / AC 110V, 50/60Hz	AC 220V / AC 110V, 50/60Hz
Power	400W	400W	600W	600W
Fuse	250V, 3A/5A, Φ5x20	250V, 3A/5A, Φ5x20	250V, 5A/10A, Φ5x20	250V, 5A/10A, Φ5x20
Dimension (WxDxH)	360 x 435 x 320mm	360 x 435 x 320mm	514 x 660 x 430mm	385 x 560 x 320mm
Net Weight	18.7kgs	18.7kgs	44.2kgs	18.7kgs
Optional Platform	Refer to "Platform Option"	Platform PW-1500 280x214x13mm	Platform PW-420 410x420x65mm	Refer to "Platform Option"

## 【 Optional Accessories 】



Conical Flask Stand P12-100



Conical Flask Stand P6-250



Adjustable Universal Platform UP-12



PW-260 Universal Platform



Platform PP-4



Double-level Platform PP-4A

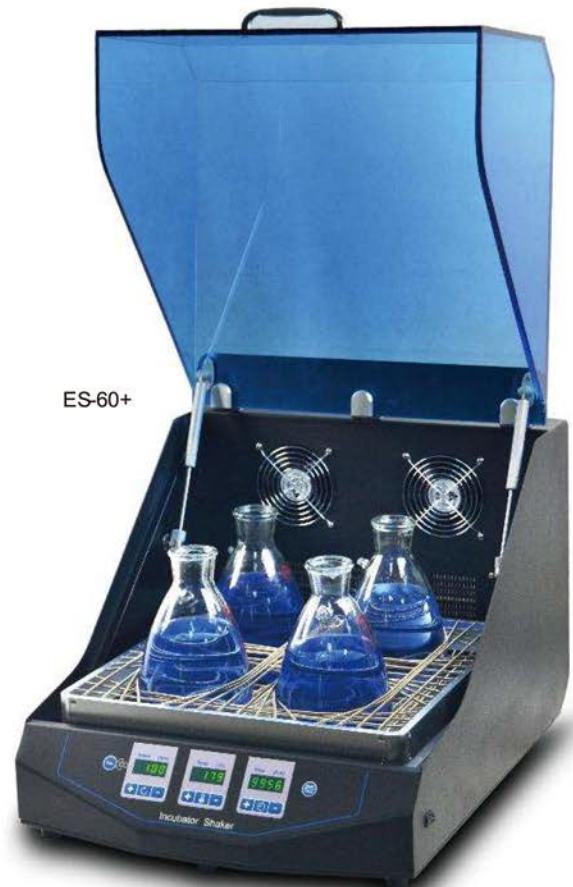
## 【 Dedicated Platform 】



Platform PW-1500  
(Only for ES-60E)



Platform PW-420  
(Only for ES-60+)



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