

Orbital Shaker-Incubator



The advanced Orbital shaker-incubator is designed for biotechnological and pharmaceutical laboratories.

The temperature range is from 5 °C above ambient up to +80 °C with temperature uniformity of ± 0.3 °C at 37 °C . The shaker-incubator has a settable speed control range of 50-400 rpm (in 10rpm increments).

The inner chamber is made of stainless steel. State-of-the-art motor, thermal insulation materials and parameter PID control decrease the energy consumption and make the shaker-incubator highly energy efficient despite its relatively large size.

Up to 3 units can be stacked, which enables you to save space. The new clear touchscreen display and simple interface provides a clear and intuitive control of parameters. It also allows data logging, storage and display over time.

Bluetooth® connectivity to PC allows for data management, data logging, parameter control and profiling in the included software.

Available with 5 interchangeable platforms and stacking kits. Must be ordered separately.

Applications:

- Microbial and cell culture cultivation
- Protein expression
- Solubility studies
- General mixing in controlled conditions
- Various other applications in the field of Life Science & Chemistry



Model	ES59561-C
Dimensions (W x D x H):	620 x 530 x 510 mm
Dimensions of inner chamber:	460 x 400 x 310 mm
Stacking:	up to 3 units
Temp. setting range:	+25°C to +80°C (increment 0.1°C)
Temp. control range:	5°C above ambient to +80°C
Temp. setting resolution:	0.1°C
Temp. stability:	± 0.1 °C
Temp. uniformity at 37°C:	± 0.3 °C
Temp. accuracy at 37°C:	± 0.1 °C
Display:	TFT, 5 inches
Heat up time to +80°C inside the chamber:	75 minutes
Speed control range:	50 - 400 rpm (increment 10 rpm)
Digital time setting:	1 min. - 96 hrs. (increment 1 min.) / non-stop
Maximum continuous operation time ² :	30 days
Maximum load:	10.6 kg
PC system requirements:	Intel/AMD Processor, 1GB RAM, Windows Vista/7/8/8.1/10/11, USB, Bluetooth
Orbit:	20 mm
PC software:	on request
Data transfer:	Bluetooth
Weight:	48 kg
Power consumption (230/120V):	500W (2.2A)
Nominal operating voltage:	230V, 50/60Hz