

Orbital Shaker-incubator



The Shaker Incubator is a stable and reliable orbital shaker-incubator for vigorous or even mixing and incubation of samples in a variety of flasks and vessels. Features a digital control of time, temperature and shaking speed for accuracy and repeatability. Platforms are interchangeable for shaking/incubating different vessels. The temperature is controlled by a microprocessor plus forced heated air circulation ensure a constant and even temperature within the chamber.

The robust, compact construction features stainless steel inside the chamber. The Shaker Incubator is equipped with a direct drive shaking system for reliable, long-term operation. The state-of the art motor, thermal insulation materials and temperature PID-control decreases the energy consumption.

Features:

- Digital control of time, temperature and shaking speed for accuracy and repeatability
- Interchangeable platforms for shaking/incubating different vessels
- Temperature control by microprocessor plus forced heated air circulation ensure a constant and even temperature within the chamber
- Robust, compact construction with stainless steel inside chamber
- Equipped with direct drive shaking system for reliable, long-term operation
- Simple to program time, - 1 minute to 96 hours or non-stop
- State-of the art motor, thermal insulation materials and temperature PID-control decreases the energy consumption

Applications:

- Life sciences – suitable for growing cell cultures in flasks, extracting tissue samples at physiological, temperatures, and sample preparation processes, mixing of biological liquids as well as the incubation and cultivation of biological liquids, growing e-coli, bioluminescence preparation.

Model	ES59561
Dimensions (H x D x W):	510 x 525 x 590 mm
Temperature range:	+25 to 80°C
Temperature control range:	0.1°C
Stability:	0.5°C
Temperature accuracy:	-
Mixing speed control range:	-
Load capacity:	8 kg
Display:	2 line, 16 character LCD
Orbit diameter:	20 mm
Internal working dimensions (w/ installed platform): (D x W x H)	450 x 390 x 300 mm
Timer:	1 minute to 96 hours
Power consumption - 230V:	450W (2A)
Power consumption - 120V:	-
Nominal operating voltage:	230 (50-60 Hz)