BioLAB

PRODUCT CATALOG

THERMO SHAKER INCUBATOR BEM2E1

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THERMO SHAKER INCUBATOR BEM2E1

THERMOSTATIC SHAKING INCUBATOR

1. The first cutting-edge USB data recording system. The data of the whole experiment process was automatically recorded.
2. U disk to record the whole process of experimental data(temperature, speed, time can be recorded).
3. Download data automatically tabulated to save and print. Mouse click to easily replay the experiment process. It is convenient to optimize reaction conditions, screen experimental methods, and confirm the experimental process.
4. Super low speed start, the speed is out of control, automatic lock, adjustable starting speed. Unique dynamic balance design to ensure smooth operation.
5. Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental modes can be set at one time, and the operation mode can be automatically changed during operation.

SPECIFICATIONS

Model	BEM2E1
Capacity	70L
Temperature Control Range	Ambient temperature+5~65℃
Temperature Control Accuracy	±0.1℃
Temperature Uniformity	±0.5℃(@37℃, effective working surface)
Temperature Fluctuation	≤0.1℃(@37℃)
Timing Range	0~9999h/min(Can be untimed, continuous operation)
Control Mode	PID microcomputer control
Display	LCD display
Circulation Mode	Forced convection
Oscillation Mode	Rotary shaking
USB Data Download	Yes
Control System	Standard mode; Static mode; Persistent mode; Program control mode(Multi-section temperature, speed, time control)
Cyclotron Frequency Range	0, 20~300rpm(Can do static culture, cross or alternate operation)
Cyclotron Frequency Accuracy	±1rpm
Swing Amplitude of The Plate	Φ26mm
Refrigerant	/
Max Capacity	Clamp Flask: 100ml*23 or 250ml*15 or 500ml*9 or 1000ml*6 or 2000ml*4Haftplatte: 100ml*30 or 250ml*20 or 500ml*9 or 1L*8 or 2L*4
Defrost Function	/
Auxiliary Function	upper and lower limit over-temperature sound and light alarm, automatic stop upon opening door, set parameters to check, monitor temperature and ambient temperature correction
Material	External Material: ABS; Internal Material: stainless steel
Power Supply	AC220V, 50Hz(Standard); 220V, 60Hz(Optional); 110V, 50/60Hz(Optional)(External transformer)
Consumption	550W
Shelves	450*410mm, 1pc
Standard Accessories	Clamp Flask: 500ml*3, 250ml*3, 100ml*4, 50ml*4, shelf*1
Optional Accessories	Lighting function, UV disinfection function, printer, haftplatte
External Size(W*D*H)	750*710*520mm
Package Size(W*D*H)	870*870*705mm
Net Weight	90kg
Gross Weight	120kg

Alt Name	Small Capacity Thermostatic Shaking Incubator

FEATURES

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5. Multi-section speed, temperature, time control system. A variety of different speed, temperature and time experimental modes can be set at one time, and the operation mode can be automatically changed during operation.
6. Silent fan design, forced convection mode and unique air duct design ensure good temperature uniformity.
7. Users can freely set three operation modes: forward, reverse and forward and reverse.
8. LCD liquid display, temperature, time, speed with the interface display.

APPLICATIONS

It is widely used in bacterial culture, fermentation, hybridization, biochemical reactions, enzymes, and cell tissue research. It has extensive and major applications in research and application fields such as biology, molecular science, food, and environment.

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