

Product Name :
Vertical Laboratory Shaker

Product Code :
MED-PTH0012



Description :

Vertical Laboratory Shaker

Technical Specification :

The original technology of the original single-axis drive balance device 1(patent type: a single-axis drive swing balance mechanism; patent to ensure minimum energy consumption and noise.
Vertical double-layer structure, small footprint, large bottle capacity and double performance.
The oscillation frequency can be extended over a wide range to 50-300 rpm.
Intelligent sound and light alarm environment scanning microprocessor controller.
The LCD large-screen backlit LCD display double displays each set parameter and measured parameter.
safe, fluorine-free refrigeration system that meets international environmental requirements.
Run the parameter memory function to avoid cumbersome operations.
AC induction long life motor design, wide speed regulation, constant torque, constant speed, no carbon brush, maintenance free.
Over-temperature sound and light alarm function, motor overheating, temperature out of control, abnormal over-temperature instrument automatically cut off their respective power supply.
With power-off recovery function, after the external power supply suddenly loses power and calls again, the device can automatically resume operation according to the original setting program.
The line that controls the acceleration ensures that the shaker is slowly started and smoothly accelerated to ensure the safety of the experimental samples.
The streamlined luxury machine model with rich aesthetic design concept, electrostatic spray box, large screen tempered glass window.
Timing setting up to 500 hours, and sound and light alarm
Adapt to the increasing trend of sample processing in modern laboratories and the mass production of modern bioengineering.

The front door opening design allows the shaker to be more flexible than turning the door shaker up.
Available in both temperature and low temperature ranges.
Efficient drive Makeda and refrigeration control, ultra-low energy consumption.
The transparent viewing window and built-in lighting design make it easy to view samples at any time.
Simultaneous observation of temperature, oscillation speed, time

Application range
Cell culture
Solubility test
Extraction experiment
Diagnostic test
Mixing samples
Bacterial suspension preparation
Dyeing and bleaching
Elution process
Hybrid experiment

control method: P.I.D(Microcomputer environment scanning micro processing chip)
Display method: LCD (Large screen LCD dual display)
Cyclic mode: Forced convection
Oscillation mode: Rotary oscillation
Drive mode: Single-axis balancing device (Chinese patent)
Environmental requirements: Temperature 25 ° C, humidity 20% -90%
Opening method: Single door
Temperature control range: Room temperature +5?-60? 4-60?
Temperature accuracy: $\pm 0.1^{\circ}\text{C}$
Temperature uniformity: $\pm 1^{\circ}\text{C}$
Performance: Frequency Range 30-300rpm
Rotation accuracy:
Pendulum amplitude: $\pm 25\text{mm}$
security function: Upper and lower temperature deviation alarm; upper- and lower-line speed deviation alarm, independent over-temperature protector; open door stop protection; leakage protection, chiller overload protection.
Accessory function: Speed storage, call recovery, parameter memory, temperature speed correction, clock display, room temperature / measured temperature double display.
Programming function: Repeat, step, eight-segment curve programming settings.
The refrigerant: CFC-Free (134A) fluorine-free safety refrigeration system
Cooler: 200W
Heater: 500W
Timing range: 0-999.99h/ Sustainable
Standard sizes: Rocker size 500*350(mm)
Number of rocking plates: Two
Gross weight: 150kg 165kg
Inner cavity size: 600*440*650H (mm)
power: 600W 830W
power supply: AC 200-240V 50-60HZ
Materia: Motor 120W inverter motor
Inner cavity material: High quality imported stainless steel mirror panel
box Materia: High quality channel steel, angle steel, cold rolled steel plate

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