

Vertical Shaking Incubator FM-SI-A200



Description :

Vertical Shaking Incubator FM-SI-A200 is a microprocessor PID controlled system with LCD display. It comes with high precision shaking speed range of 40 to 300 rpm and temperature function. Designed as single door unit with double layer and transparent window for clear observation. Inside chamber is made up of stainless steel & outer body is made up of cold-rolled steel with antibacterial power coating. Equipped with large LCD screen, it displays multiple data at same time. Its smooth running start/stop system helps in preventing liquid spillage. It is useful for quality, research and testing purpose across laboratories, institutes.

Specifications :

Chamber capacity	20 L
Controller	PID
Shaking mode	Rotary shaking
Rotating speed	40 to 300 rpm
Rotating accuracy	± 1 rpm
Vibration range	25 mm
Temperature range	RT+5°C to 60°C
Temperature accuracy	± 0.1 °C
Temperature uniformity	± 1 °C
Drive mode	Unishaft drive
Circulation mode	Forced convection
Display	LCD

Refrigerant	-
Cooling consumption	-
Heating consumption	500 W
Timing range	0 to 500 h
Shaking plate size	500 mm × 350 mm
Shaking plate quantity	2 pcs
Standard capacity	500 ml × 12, 250 ml × 15
Chamber material	Mirror stainless steel
External material	Cold-rolled steel with anti-bacteria powder coating
Safety function	Audio and visual alarm for over temperature, alarm for over speed, independent over temperature protector, shutdown protection for door opening and leakage or over current protection.
Power	600 W
Power supply	AC 110/220 V ± 10%, 50/60 Hz
Internal dimension (W × D × H)	600 × 440 × 650 mm
External dimension (W × D × H)	700 × 600 × 1250 mm
Packaging dimension (W × D × H)	800 × 700 × 1400 mm
Gross weight	200 kg

Features :

- Microprocessor PID control system with LCD display
- Offers rotary shaking mode and forced convection circulation mode
- Audio and visual alarm for over temperature
- Data recovery after automatic power off
- Built-in lighting system for convenient observation
- Stainless steel chamber and anti-bacteria powder coated cold rolled steel body
- Smooth shaking mode provide stable and reliable operation
- Transparent glass window and built-in light for observation

Applications:

Used for microbial cell cultures, entomology, solubility tests, metabolic studies, stability studies, haematological studies, food processing, quality control analysis and mixing of reagents.



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