



ORSHAHC Orbital Shaking Incubator Heating/Cooling

Double layer door structure

LCD



Smart air circulation

Download Catalogue



RT+5°C /4°C to 70°C



LCD Display Screen

Microcomputer control temperature and oscillation frequency with timing functions, Built-in power-off protection can automatically resume operation after power on.



High Precision speed Control

Speed control : Intelligent Brushless DC motor, High speed accuracy, Slow start design, Auto lock if speed out of control. Adjustable starting speed to prevent the splash of shake flask liquid



Large observation window

With inner led light, provide easy sample observation



Horizontal air circulation

Horizontal air convection



Intelligent Brushless DC motor

Prevent graphite pollution, maintenance free,

The temperature uniformity is achieved by 3D forced air circulation. A fan continuously moves the air across the incubator in order to create homogeneous conditions. Shaking incubators are generally left on for long periods of time. The microprocessor ensures the actual temperature remains stable, even when ambient temperature varies. The AC brush less motor ensures stable shaking movement for the long-term operation, free of maintenance.

- Microcomputer control temperature and oscillation frequency with timing functions.
- Built-in power-off protection can automatically resume operation after power on.
- Unique air duct breeze circulation, large observation window.
- Speed control: Intelligent Brushless DC motor, high speed accuracy.
- Slow start design - adjustable starting speed to prevent the splash of shake flask liquid

Type	ORSHAHA	ORSHAHC
Price		

	ORSHAH	ORSHAHC
Cooling System	No	Yes
Shaking Mode	Cyclotron Oscillation	
Amplitude	Φ19mm	
Temp. Resolution	0,05°C	
Temp. Motion	±0.1°C	
Temp. Uniformity	±0,5°C	
Temp. Range	RT+5~70°C	4~65°C
Rotary Speed	20~300rpm	
Rotary Speed Precision	±1rpm	
Chamber Material	Mirror Stainless Steel	
Outer Shell	ABS	
Observation Window Material	Resin	
Thermal Insulation Material	Polyurethane	
Heater	Stainless steel heating tube	
Drive Mode	Three-axis level	
Oscillating Plate	Spring Wire Rack	
Air Circulation Mode	Horizontal convection	
Voltage	220V/50Hz	
Power	0,6kW	0,8kW
Control Mode	LCD Display PID Intelligent, temperature , speed, time	
Rotation Direction	Automatic changes of rotation direction	
Timer	0~9999min /0 = continuously	
Operation Function	Fixed value operation timing function, bidirectional automatic switchover, auto stop, quick stop start	
Temperature Sensor	3 x Pt100	
Speed Sensor	Hoare	
Additional Function	Autodiagnostic, Deviation correction, menu keys locked, power-off memory, Overheating hydraulic protector, over temperature alarm, menu locked, gating system, power-off protection, plugging turn protection	
Safety Device		
Inner Chamber Size (W*L*H) (mm)	455*380*290	560*390*320
Exterior Size (W*L*H)(mm)	500*640*480	600*770*500
Packing Size (W*L*H)(mm)	812*630*670	923*730*683
Shelf Size (mm)	812*630*670	923*730*683
Max capacity of Shelf for single specification (ml/pc)	100ml*16/250*10/500*6	100ml*28/250*15/500*8/1000*6
Optional	Remote control temperature in cloud. Software APP included.. Universal shelf 300x300mm, Adhesive pad any size up to 300x300mm. Temperature data logger. Temperature certification.	
Inside Volume	50L	70L
Shelf Load Bearing	≤10kg/layer	≤15kg/layer
NW/GW (kg)	25/35	65/85

Please note

If this Incubator does not match the specific needs of your application, or some options are not listed for sale, please feel free to contact us. Our manufacturing engineers will come up with technical solutions to meet your needs. We reserve the right to change technical specifications at any time.

COLO LabExperts

Laboratory Equipment production and Distribution

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