

Large Capacity Vertical Type Shaking Incubator



Model : YR0575

Large Capacity Vertical Type Shaking Incubator

Manufacturer : Kalstein

Price : \$ 14,650.00

Description :

If you are setting up your laboratory, you must have an incubator, one of the most common and important devices in the daily workflow. Shaking incubators are used for cell culturing, cell aeration and solubility studies. The shaking feature eliminates having to place a separate shaker inside an incubator. These incubators are very important devices because you need them to maintain the right temperature, humidity and other factors involved in experiments that imitate the living process. Kalstein products provides you the ideal constant temperature and humidity incubator so that you can rely on the storage of any kind of culture you want to preserve.

You should know that these types of incubators are able to incorporate oxygen and evenly distribute nutrients throughout the culture sample. One of the most important advantages of these types of shaking incubators is that they provide stable temperature conditions since they use and orbital agitation at variable speeds to affect the growth of cell cultures.

Vertical type shaking incubator

These vertical type-shaking incubators have an audio and visual alarm making it a great safety feature for any laboratory. Another important feature is the power-off recovery function, so if you have an electrical malfunction, you do not have to worry about the recovery of the device. These models have a soft shaking mode, guaranteeing stable and reliable operation. Their efficient drive motor and cooling controller provides a low energy consumption, making it the right fit for your laboratory. In addition, these models have a transparent window and a built-in lighting design making them convenient for sample observation. This is a very important feature for when you perform experiments and researches, this way you can monitor every part of the process. Moreover, they have some optional accessories such as a UV lamp, a humidity controller, an inlet air pipe, a light system and more. In addition, here are some of these models' safety options:

- Audio and visual alarm for over-temperature.
- Alarm for over-speeds.
- Independent over-temperature protector.
- Shutdown protection for door opening.
- Leakage or over-current protection.

Shaking incubator

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There are some technical details about these models. Firstly, their circulation mode is by forced convection with a rotary shaking mode. In addition, the rotating speed is from 40 to 300 rpm with a unishaft drive mode. Their internal material is stainless steel; in the case of the external material is Cold-rolled steel with anti-bacteria power coating. The heating consumption for both models is 500W.

Features of the Large Capacity Vertical Type Shaking Incubator

- Audio and visual alarm.
- Power off recovery function.
- Soft shaking mode, stable and reliable operation.
- Efficient drive motor and cooling controller, low energy consumption.
- Transparent window and built-in lighting design convenient for observation samples.
- Optional accessories: UV lamp, humidity controller, inlet air pipe, light system, etc.

Parameters by Model

Large Capacity Vertical Type Shaking Incubator

Ultra-Capacity Refrigerated Centrifuge		
Model:	YR0575	YR0576
Controller:	PID	
Display:	LCD	
Circulation Mode:	Forced convection	
Shaking Mode:	Rotary shaking	
Drive Mode:	Unishaft drive	
Rotating Speed:	40~300rpm	
Rotating Accuracy:	±1rpm	
Vibration Range:	Φ25mm	
Temp. Range:	RT+5°C~60°C	4°C~ 60°C
Temp. Accuracy:	±0.1°C	
Temp. Uniformity:	±1°C	
Timing Range:	0~500 hours	
Shaking Plate Size:	734x464 mm	
Shaking Plate Quantity:	2 pcs	
Max. Capacity:	1000mlx24 or 500mlx44 or 250mlx56 or 100mlx104	
Standard Capacity:	500mlx22 ,250mlx28	
Internal Material:	Stainless steel	
External Material:	Cold-rolled steel with anti-bacteria power coating	
Refrigerant:	Not	CFC-Free 134A
Cooling Consumption:	Not	230W
Heating Consumption:	500W	
Safety Function:	Audio and visual alarm for over-temperature. Alarm for over-speeds. Independent over-temperature protector. Shutdown protection for door opening. Leakage or over-current protection.	
Consumption:	930W	1200W
Power Supply:	AC110V/220V±10%,50/60HZ	
Internal Size(WxDxH)(mm):	850x520x760	
External Size(WxDxH)(mm):	950x740x1400	
Package Size(WxDxH)(mm):	1050x840x1550	
Gross Weight(kg):	200	235

Large Capacity Vertical Type Shaking Incubator

Options available for Large Capacity Vertical Type Shaking Incubator :

Variation

(YR0576) 4^{â„f}~ 60^{â„f} (+\$ 1,400.00),
(YR0575) RT+5^{â„f}~60^{â„f}.