

<b>Product Name :</b> Astra CO2 Incubator Shaker	<b>Product Code :</b> ASTRALAB-SUPPLYA1021
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<b>Description :</b>
Astra CO2 Incubator Shaker
<b>Technical Specification :</b>
According to the special requirements of cell culture, the C series CO2 shaking incubator adds more design functions, and combines the different feedback needs of many biopharmaceutical customers;  Our instruments are suitable for all kinds of cell culture, including CHO, hybridoma, mammalian cells, insect cells, etc.

With patented bearing technology, our products have stable starting, almost noise-free operation and no abnormal vibration even in multiple layers.

The unique air circulation system can ensure the uniform temperature field without dead angles. It can be stacked 2 or 3 layers to save laboratory space.

With more options for extended functions, in order to meet the complex training needs of customers, such as remote control and humidity control, the patented built-in blackout curtain provides users with convenience for sample cultivation and observation cultivation away from light. Situation at any time. The remote control module can be configured to input data, control parameters, view historical data and other operations. The omnidirectional vibration table can meet the various application needs of users at any time.

With LED touch control panel, intuitive control and easy operation

Full touch control panel is intuitive and easy to operate. Without special training, you can easily control the switching of parameters and change their parameter values.

Multi-stage programs can be set at one time, different temperature, rotation speed, gas concentration, time and other cultivation parameters can be set, and the program can be automatically and seamlessly switched; any parameter and historical data curve of the cultivation process can be viewed at any time during the experiment.

Have a good appearance, the monitoring interface can display temperature, speed and gas concentration. With enlarged numbers and clear symbols, you can observe from a farther place.

Each function on the button has a different color assignment, which makes it easier for you to operate.

The screen can be controlled by setting a password, so as to provide experimental security for users in public laboratories and avoid stopping the experiment due to misoperation.

With a comfortable remote control function, intelligent remote control can make you more convenient to control the parameters of the incubator.

With active humidity control function (optional), the humidity can be controlled at 95% R.H., and the volatilization of the micro-culture medium within a week can be controlled within 10%.

Professional embedded humidification and humidity control module adopts stainless steel heating plate with precise temperature control to ensure stable and stable humidity control and avoid the shortcomings of traditional ultrasonic humidification methods

If humidification is required, the solenoid valve for controlling the water inlet will automatically open, and the high temperature heating plate will quickly evaporate the water into molecular water vapor during sterilization, and then enter the incubator through its own volume expansion.

Using the internal circulation system of the incubator, it will quickly spread to the entire chamber of the incubator.

Because liquid water will vaporize into free molecular water at high temperature, water vapor is not easy to condense in the incubator, which can achieve the best humidification effect, avoiding the shortcomings of traditional ultrasonic humidification, and is easy to condense twice

High temperature humidification also has a sterilization effect, avoiding the disadvantages of traditional

humidification, which is easy to grow bacteria in the water tray and cause bacterial contamination

Patented built-in blackout curtain, easy to push and pull, avoid light farming

For photosensitive media or organisms, you can cultivate by pulling down the shadows. The sliding sunshade can prevent sunlight (ultraviolet rays) from entering the incubator, while maintaining the convenience of observing the internal culture

The blackout curtain is located between the glass window and the outer box panel, which is convenient and beautiful, and perfectly solves the inconvenience of tin foil sticking.



## Astra Scientific

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