Biological Incubators That Maintains Temperature and Humidity

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Weiber continues to set the standard of excellence for environmental growth chambers by designing and manufacturing several lines of reliable biological incubators and other research chambers. We offer the largest choice of Biological chamber solutions designed to meet your specific research requirements, timelines and budgets.

Our Biological incubators have become choice among educational institutions, research institutes and in domestic and international business. Its best quality and working has able Weiber to become Industry leader. Teeming with ambitious ideas and futuristic potential, our approach is to construct artificial biological systems which provide suitable environment to cell cultures. The conception and development of Weiber Incubator has that distinct feel, where handful of people takes a great idea and make it into a viable entity at the right time.

A Biological incubator is a device that maintains biological culture by maintaining optimal parameters like temperature, humidity, and light and oxygen/carbon dioxide level in the chamber.

Our Biological incubator is double walled convection heated and cooled units. Outer body of the chamber is constructed of thick PCRC sheet duly pre-treated with primers and rust proofing and painted with a long lasted stove enamel or elegantly powder coated. Whereas inner chamber is made up of heavy gauge stainless steel sheet of SS-304 grade or aluminum sheet or G.I. The warm air is maintained throughout the chamber via efficient motor fans.

Temperature range of our incubators are 50C above ambient to 700C.Tempetarure is controlled with sensitivity of +10C.Whereas Humidity is maintained in the chamber by humidity generator cum humidity controller. Humidity range of our incubators is ambient to 700C.

Our Incubator system incorporates multiple devices such as line process indicators, environmental scanner and temperature or humidity controller .Also, its high data storage capacity with high data retention life makes it an ideal module for pharmaceutical laboratories, process controller application and in research projects.

We provide Astech cable for direct interface to any DOT matrix or laser printer for online or offline data records printing. Our system provides facility to program recording interval with various options to suit individual requirements. It also has a feature to adjust or select baud rate for any serial communication point. Its provided with a user friendly custom developed software which obtains and analyze the data and facilitates the user to generates reports and graphs etc.

Application :

1. In biological experiments of organism like E.coli growth curve, budding yeast Saccharomyces cerevisiae

2. For cultivation of mammalian cell lines

3. Bacterial culturing to plant seedling

4. Insect rearing

5. B.O.D. determinations

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Rodsi Bhatia writes articles for business products and other manufacturing units. Acmas Technocracy Pvt.Ltd is a leading Manufacturer of scientific laboratory equipments such as a Fume Hoods, Fume Hood Scrubber & a Glove Box.

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