Article Side

Usage and Features of Water Bath Equipments

by Sonia Nathani

Article published on March 12th 2012 | Management

A trusted name in the industry, Acmas technocracy established in 1990 with the sole aim of serving its customers across India and abroad, has proven its monopoly in the market by catering to the demands of more than 1500 customers in corporate and private sectors and exporting its products to more than 42 countries.

As we are into designing and developing a complete range of scientific and laboratory instruments, we make sure to provide the highest quality standards and seek customer satisfaction to a higher level.

We deal with various laboratories equipments and one of them is water bath equipments. It is a device that maintains water at a constant temperature that is used in microbiological laboratory for incubations.

These equipments are provided with several functions that enable you to understand its usage and utility. These functions are more or less the same. Water bath equipments can be of several types. They are double walled water bath, serological water bath, high precision water bath, circulatory water bath, refrigerated water bath and paraffin water bath. These equipments differ only on the basis of their usage.

These share similar features such as, their cost of maintenance is extremely low, and they are energy efficient, have long life and are versatile when it comes to usage.

These equipments have temperature controllers that help to maintain uniformity in the device. Indirect heating is provided in the water bath, which comprises of air heaters made of high grade. The temperature is evenly distributed throughout the chamber through natural water convection mechanism that ensures very good temperature sensitivity. This is a repetitive process.

These equipments only differ on the basis their usage. They are provided with the feature to adjust or select baud rate for any serial communication port. It even incorporates multiple devices such as in line process indicators, environment scanners and temperature or humidity controllers. These equipments are even provided with user friendly custom developed software which obtains and analyses data and facilitates the user to generate report and graphs. This is considered as an ideal module for pharmaceutical laboratories, process control applications and high research projects where maintaining a viable record of the equipment is very important.

Adding on, high precision water bath has a unit fitted with high efficiency stirrer motors of 1/20 HP so as to maintain the uniform temperature of our high precision water bath. Whereas, refrigerated water bath equipment has an energy efficient cooling unit that is installed in our carbon dioxide incubators to enable bio chemical demand studies to enable bio chemical demand studies at lower temperature.

Paraffin section mountain bath has been designed for ease of use and maximum safety. The top has generous space for resting the hands and a deep tapered bowl allowing slides to be used at any angle. The four rubber feet and the lower level of the whole instrument provide stability.

Article Source:
http://www.articleside.com/management-articles/usage-and-features-of-water-bath-equipments.htm - Article Side

Sonia Nathani - About Author:
Water bath equipments by Acmas Technocracy is a top provider of a laboratories equipments in india.For any Query please Mail us at info@acmasindia.com or Logon to http://www.acmasindia.com.

Article Keywords:
laboratory incubators,Water Bath Equipments

You can find more free articles on Article Side. Sign up today and share your knowledge to the community! It is completely FREE!