

MICRO Q TECHNOLOGIES

PORTABLE MEDICAL INCUBATOR

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When a patient or physician finds something suspicious or something they do not think should be there, a biopsy is often needed. While a patient might be very concerned about having a biopsy, they are quite common and are very helpful diagnostic tools. MayoClinic.com describes what exactly a biopsy is, "A biopsy is a procedure to remove a piece of tissue or a sample of cells from your body so that it can be analyzed in a laboratory. If you're experiencing certain signs and symptoms or if your doctor has identified an area of concern, you may undergo a biopsy to determine whether you have cancer or some other condition. While imaging tests, such as X-rays, are helpful in detecting masses or areas of abnormality, they alone can't differentiate cancerous cells from noncancerous cells. For the majority of cancers, the only way to make a definitive diagnosis is to use a biopsy to collect cells for closer examination." Certainly, no one wants to have a biopsy but, when they are necessary they want to make sure their biopsy is handled with care to ensure accurate results. There are specific temperatures that each biopsy needs to be kept at, depending on the type of biopsy. When a specific temperature is needed, it is very important that the temperature is maintained at all times. Often, a biopsy needs to be shipped from a medical facility to a laboratory and, during transport, runs the risk of experiencing a temperature excursion. Should the biopsy encounter extreme temperature changes it could run the risk of becoming permanently damaged and unusable.

ADDITIONAL PORTABLE MEDICAL INCUBATOR BENEFITS

The MicroQ iQ portable medical incubator will protect biopsy during transport. It is an active heating and cooling portable medical incubator, capable of adapting to maintain the desired temperature regardless of ambient conditions. It is controlled by a microprocessor which allows the device to, very accurately, actively heat and cool throughout transport. It is also an incredibly durable device and can protect its contents throughout transport, even through the normal hazards of shipping such as rough handling. Additionally, the iQ portable medical incubator is incredibly lightweight, which will help keep shipping costs down. The device is also completely reusable, which eliminates the need for disposable shipping containers. Simply recharge the iQ portable medical incubator, reprogram it for whatever temperature is needed and send it along again. The MicroQ iQ portable medical incubator can protect biopsies during transport and ensure they arrive in optimal condition for testing and use.

Benefits of Micro Q Technologies



- Active precision heating or cooling
- Temperature LCD display resolution = 0.1° C
- Temperature control range 0° C to 42° C
- Rechargeable battery with integrated power supply
- Ambient Temperature range -20° C to 50° C



- Temperature holding duration 24+ hours to 168+ hours
- Microprocessor controlled heat pump
- Tamper resistant key switch
- Temperature control resolution = 0.0625° C



LOCATION

14362 North Frank Lloyd Wright Blvd Suite 1210
Scottsdale, Arizona 85260 USA



CALL US

Phone: 480.380.9669



EMAIL US

sales@microq.com