

MICRO Q TECHNOLOGIES

TEMPERATURE CONTROLLED PORTABLE MEDICAL INCUBATOR

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In the medical industry time is everything and the use of portable medical incubators is creating a bigger time window for the transfer of cells, cultures or medications to other parts of the nation and even the world. It is possible for a single sample to travel from one end of the continent to the other while maintaining the accuracy for analysis and diagnosis.

What are portable medical incubators? The device itself is a carrier designed to maintain a certain temperature, hot or cold, allowing temperature sensitive material or matter to stay at a precise temperature keeping them viable. Medications, cells, cultures and other samples can be ruined or tainted if stored at an improper temperature resulting in the sample being considered unusable. Even worse, the sample might be used resulting in wrong diagnosis and or treatment. Portable medical incubators are changing the time frame of transport and improving results, diagnosis and treatment.

Many patients around the world are benefiting from incubators that are allowing samples to travel around the nation and even the world at the appropriate setting. Whether the sample is being used for research or diagnosis, the accuracy is imperative. For instance, Patient X presents to the doctor with a variety of symptoms. After analysis, it is still unsure what the proper diagnosis should be. The doctor decides to consult with a specialist who is conducting research on symptoms similar to Patient X's. Patient X is located in the United States and the specialist is located in Europe. A sample of the patient's blood is placed in an incubator and shipped. The incubator takes three days to reach its destination. The sample is pulled, tested and diagnosed. Because of the technology put into the incubator it was possible for a patient thousands of miles of way to not only be diagnosed but also impact research that has the potential to impact others.

ADDITIONAL TEMPERATURE CONTROLLED PORTABLE MEDICAL INCUBATOR BENEFITS

With the technology of portable medical incubators that are capable of maintaining the correct temperature for days while traveling the world, any number of diseases can become that much closer to being understood and eventually cured. The world of medicine would not be as advanced without the combination of experimental testing and studying of a cells and cultures. In fact, progression would halt if it were impossible to share samples, results, diagnosis, treatment plans and progress. The medical world is unified because of incubators that can sustain travel and maintain the necessary temperature to preserve samples and medications. Because advancement varies from continent to continent it is sometimes necessary for medications to be shipped to other locations to aid in the treatment of disease. Medications can travel thousands of miles regardless if they are dependent upon a certain temperature. Thousands of people are able to benefit from the shipment of incubators across the world. Doctors and scientists benefit through the sharing of knowledge and findings. Patients are benefiting by receiving care from multiple experts across the world allowing for more accurate diagnosis and treatment. The medical industry as a whole is benefiting through the research being conducted through the sharing of cells, cultures, medications and much more. The advancement of medicine is no longer restricted by time and location. The use of portable medical incubators capable of traveling the world over is changing the face of medicine.

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

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