

MICRO Q TECHNOLOGIES

REGENERATIVE MEDICINE SHIPPING CONTAINERS

REGENERATIVE MEDICINE SHIPPING CONTAINERS

Regenerative medicine is an exciting emerging field in medicine that many say will be the future of medicine. Mayo Clinic describes regenerative medicine and its importance, "Regenerative medicine is a game-changing technology with the potential to offer definitive, affordable health care solutions that treat the underlying cause of diseases, rather than only manage disease symptoms. Regenerative medicine itself isn't new - the first bone marrow and solid organ transplants were done decades ago. But advances in developmental and cell biology, immunology, and other fields have unlocked new opportunities...to refine existing regenerative therapies and develop novel ones." When stem cells are collected they need to be safely protected, transported and stored for testing or future use. With so much importance being placed on regenerative medicine and its medical and therapeutic potential, it is incredibly important that the stem cells be properly transported and protected. Stem cells are typically frozen when transported and stored but new technology is also making it possible to ship stem cells at room temperature. Whichever temperature you ship your stem cells, its critical that the desired temperature be maintained at all times.

ADDITIONAL REGENERATIVE MEDICINE SHIPPING CONTAINER BENEFITS

The University of Reading notes the challenges faced when shipping stem cells, "Stem cells and cell-based therapies hold enormous potential for the future treatment of illnesses, from cancer to heart disease. However, a number of challenges must be met before this promising approach can become a reality. One such hurdle is how to store and transport the cells from the manufacturer to the patient, as current cryogenic solutions are technically challenging and expensive." The MicroQ iQ is the ideal regenerative medicine shipping device. It is capable of active heating and cooling and is controlled by a microprocessor so it will maintain the desired temperature at all times. When shipping long distances, stem cells may encounter significant swings in temperature and humidity so a regenerative medicine shipping device that can actively heat and cool is incredibly important. The MicroQ iQ shipper will also keep shipping costs down because it is lightweight and rechargeable. The device simply needs to be recharged and it can be used again so that a new container is not needed each time stem cells need to be shipped. The MicroQ iQ shipper will protect stem cells and is great for a regenerative medicine shipping device.

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