



MICRO Q  
TECHNOLOGIES

# STEM CELL SHIPPING CONTAINER

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Stem cells are being used more and more in science and medicine every day. Not only are human stem cells being used for research and clinical trials, but they are being explored for use in treating medical conditions. The National Institutes of Health note the important emerging uses of stem cells, "Perhaps the most important potential application of human stem cells is the generation of cells and tissues that could be used for cell-based therapies. Today, donated organs and tissues are often used to replace ailing or destroyed tissue, but the need for transplantable tissues and organs far outweighs the available supply. Stem cells, directed to differentiate into specific cell types, offer the possibility of a renewable source of replacement cells and tissues to treat diseases including Alzheimers disease, spinal cord injury, stroke, burns, heart disease, diabetes, osteoarthritis, and rheumatoid arthritis." Can you imagine the potential to have a renewable and, therefore, essentially unlimited supply of treatments for these diseases? Often, these adult human stem cells are collected at one location, processed in another location, and then sent on to the medical facility where a patient is being treated. During transport, extreme care must be taken to ensure that the stem cells are protected. During transport, whether by car or plane, the stem cells could potentially be exposed to extreme changes in temperature or humidity. By using a temperature sensitive portable shipping device, you can protect these invaluable stem cells at all times.

### ADDITIONAL STEM CELL SHIPPING CONTAINER BENEFITS

When shipping anything, there is the potential for delays, rough handling, large temperature shifts and more. With the MicroQ iQ shipping device, the stem cells will be constantly monitored throughout the shipment by a microprocessor controlled temperature sensitive device. Should there be any change in ambient conditions, the MicroQ iQ shipping device will adapt to ensure the desired temperature is maintained at all times. As well as being temperature sensitive, the iQ shipper is also durable and lightweight. It is also rechargeable and reusable so you can just recharge it and send it along for your next shipment. Not only is the MicroQ iQ shipping device the most accurate and reliable device you can use, it is also the green choice. When shipping stem cells no chances of damage should be taken. When you use the MicroQ iQ shipping device, you know your stem cells are in good hands and will arrive ready for 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

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#### CALL US

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#### EMAIL US

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