



Challenge:

Find a container that will protect valuable samples and medicines for clients operating in some of the toughest locales on Earth.

Solution:

Crēdo containers provide up to seven days of precise thermal control, meaning routes and schedules impossible with other systems are now open to clients.

Benefits:

- Risk avoidance
- Reduced labor
- Logistical flexibility
- Sustainability and reusability
- Increased client trust



Taking Pharmaceuticals Off the Beaten Path Fisher BioServices Finds the Solution for Logistics Nightmares

With literally millions of research-and-development dollars on the line, transporting temperature-sensitive materials for pharmaceutical clinical trials demands the absolute best in thermally controlled packaging. For this reason, medical shipping experts Fisher BioServices utilized Crēdo™ containers for a recent international flu vaccine trial.

The Maryland-based division of Thermo Fisher Scientific provides logistics, laboratory and repository services to organizations undertaking clinical trials, and they were looking for a better cold-chain solution to gain a competitive advantage in the marketplace. The company was already using expanded polystyrene, gel packs and dry ice, among other methods. As Bruce Simpson, senior director of commercial services division operations, explains, "Our engineers found that MTS's boxes were far superior to the conventional packouts they were testing...the performance is exceptional."

With their testing showing that the containers maintained the required temperature range for seven days or more, Fisher BioServices began using the Crēdo Series 4-1772 container for shipping flu vaccines to various locations scattered across the United States. Simpson reports several advantages over previous thermal shipping methods. The packout is far simpler: instead of staging two or three different types of gel packs or packing with complicated foam insert configurations, "With [Crēdo], you pop in the TIC." Simpson also reports that the containers have been highly durable, "We have used the same shipper five times. We get them back empty, [refurbish and prep], and use it again." This leads to another important benefit in Simpson's eyes: Crēdo containers are far more sustainable than systems using gel packs, dry ice and foam.

Fisher BioServices is now expanding its use of Crēdo containers for international routes, providing their hallmark service and protection even in less-developed areas that can pose problems for traditional methods. "If we are shipping from Johannesburg, [South Africa] to Ghana, there is one flight a day. If you miss it, you wait for the next one. In Ghana, you have to clear customs, then travel 400 miles by truck on bad roads. If there is no system for replenishment of the gel packs, dry ice or liquid nitrogen, you risk losing the valuable sample or product."

With logistical nightmares such as these a common occurrence – and considering the critical nature of the products they carry – Simpson is satisfied that his company has the ideal strategy for overcoming the ever-changing challenges of world-wide thermal transport: "Fisher BioServices' experience demonstrates that the [Crēdo] shipper is a superior cold-chain temperature shipping solution that guarantees the samples will get there in an efficacious manner and with less or no failure points."

