

Using innovative technology to create cost-effective, compact and uncomplicated packaging systems that protect your products

### Shuttle™ System - A New NanoCool Evaporative Cooling System

One-touch activation starts 2-8°C cooling process to insulate specimens up to 42 hours

NanoCool's Shuttle system is a refrigerated shipping system that utilizes evaporative cooling technology for 2-8°C overnight shipments of biological specimens and other health care products.

NanoCool's evaporative cooling technology is seven times more powerful than gel packs or ice. NanoCool's active cooling process adjusts to variations in ambient temperature in a way conventional cooling systems cannot.

The compact size (305 x 200 x 92mm) of the Shuttle and light weight (2.4 lbs) results in reduced transportation costs for overnight shipments.

NanoCool's Shuttle has been qualified up to 42 hours and can be shipped inside FedEx or UPS Exempt Human Specimen (EHS) and UN3373 designated envelopes. Shipping of UN3373 Biological Substance, Category B specimens inside the Shuttle requires that the package and payload is tested and certified in compliance with IATA Packing Instruction 650. EHS shipments do not require certification testing but does require marking the outer package or envelope with the Exempt Human Specimen designation and following prescribed EHS packaging requirements.



2-84121 NanoCool Shuttle System

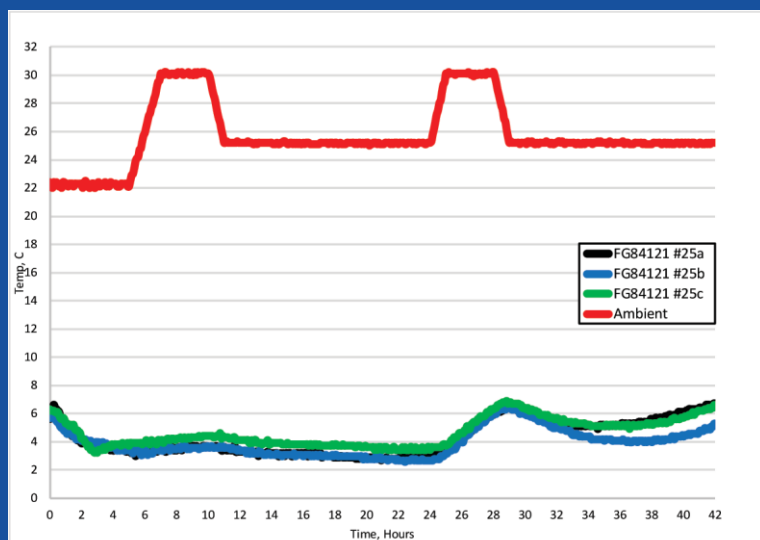
### Advantages

- Compact and lightweight
- Reduces transportation costs
- Qualified 2-8°C for 42 hours
- Fits inside overnight EHS and UN3373 designated envelopes
- Simple one-touch activation
- Uses evaporative cooling technology
- No preconditioning hassles



## Shuttle 42-Hour Protection of 2-8°C Payload

### NanoCool Shuttle 42-Hour Qualification Graph



Qualification report available upon request

### One-Touch Activation



- Portable NanoCool Shuttle arrives ready to activate and ship
- No need to freeze and condition gel packs

### Ordering Information

| Product | Outer dimensions (millimeters) (inches)                 | "min" size due to angle | Usable space (millimeters) (inches)  | Weight (kilograms) (pounds) | Dim weight (pounds) |
|---------|---|-------------------------|--------------------------------------|-----------------------------|---------------------|
| 2-84121 | 305 x 200 (min 148) x 92<br>12 x 7.87 (min 5.82) x 3.62 |                         | 216 x 119 x 76<br>7.48 x 3.54 x 1.18 | 1.09<br>2.40                | 3.3                 |

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NanoCool provides the following products: insulated shipping containers, insulated shipping boxes, refrigerated shipping containers, dry ice shipping boxes and packages, thermal packaging, temperature controlled shipping, cool packaging, cold chain packaging, and cold shipping boxes.

NanoCool is a registered trademark of NanoPore Inc.

Protected by US Patent 6,559,096; 6,688,132; 6,701,724 and 6,968,711. Singapore No 101321. Other patent applications pending.