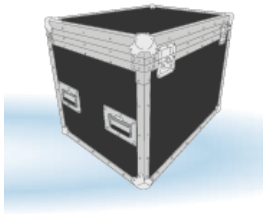
FROM IDEA TO PRODUCTION

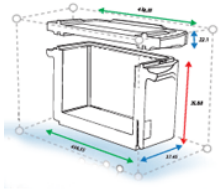
TRANSPORTED GOODS

The transport systems with insulated packaging and delta T Fluid. Accus are designed for the challenging requirements of life sciences products like red blood cells, blood products, pharmaceuticals, vaccines, diagnostics, labor samples and biotech products. Temperature sensitive high-tech can be protected against force and temperature, too.



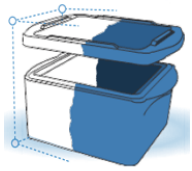
PACKAGING SOLUTIONS

From scratch to final product: Consulting, technical design of a prototype, testing and validation, production and dispatch of the series, all this are important steps in creating your new passive transport system. Each step will be closely coordinated together with you. Special attention is on the easy preparing and handling of this system, with a good integration into existing processes, simple preconditioning and easy packaging.



ENGINEERING & DESIGN

After setting the performance parameters such as product temperature, transport time and size of the required transport system, delta T can perform computer aided simulations of the thermal heat conductivity of the entire transport solution under variable ambient temperature conditions. delta T manufactures a prototype that can be tested under specific ambient conditions to confirm the simulation results.



PROTOTYPE

Boxes and insulation

From scratch to final product: delta T can select from a v insulation materials. Polyurethane, styrofoam, polypropy vacuum insulation panels. In combination with unwover hard panels, aluminum or cardboard, the box will be reac duty to come.

VALIDATION

Validation in climate chambers

delta T s two climate chambers are in use around the clock, to test the transport systems against heat and cold. The scenarios can be either customer given or recommended by delta T. This is as close to reality as it can get. But before a real-time test is made, our engineers simulate with help of Madonna, a computer program.

TEMPERATURE MONITORING

Validation in climate chambers

Temperature sensitive products can be monitored with delta T's ThermoScan Dataloggers. The Dataloggers are very small and they can be placed closely at the product. The temperature profile of your transport can be read and evaluated on the a PC. An internet-based web browser application enables to share the data with your colleagues.