

Thermosecure with cool developments at Arabhealth 2011

Insulating transportation systems, even for extreme climates and secure, cool transportation at hot desert temperatures

The insulated packaging manufacturer IsoboxxSystems/Thermosecure from Cologne is presenting itself at Arabhealth in Dubai from January 24 to 27, 2011. The Arab health trade fair and convention is the leading international healthcare event in the Middle East. It brings together the leading manufacturers, organisers and experts in the healthcare sector around the world and, with 2500 exhibitors from 26 countries, is among the world's leading industry trade fairs.

At this trade fair, IsoboxxSystems/Thermosecure will focus on three of its latest developments: The MX-300 container developed especially for the temperature-controlled transportation of blood, the ThermoBox TB30 featuring extended temperature stability for up to 256 hours, and the insulating, reusable container with data recording Isotan V-Plus. Blood, sensitive laboratory specimens or vaccines – the thermal containers from Thermosecure ensure reliable refrigerated transportation.

MX300: The ThermoContainer for mobile blood donation

The MX-300 is the latest development by the insulating packaging producer from Cologne. It is a transportation container for blood products. As an active system with integrated cooling and heating functions, the MX-300 is equipped with a logging feature and the option to print out current transportation data.

The compartment system assures stable storage of the goods being transported within the box. The MX-300 container has 2 chambers 67.5 x 42 x 105.5 cm in size for a volume of 299 litres. Since the MX-300 can operate on 12, 24, 110 or 230 volts, it is suitable for use around the world.

ThermoBox TB 30: 256 hours of autonomous temperature stability without an external energy supply
The TB 30 is the top of the line in the passive ThermoBox system from the proven ThermoSecure series. It features proven interior temperature stability, for example at +2°C for well over 200 hours at a consistent ambient temperature of a tropical +43°C in a test scenario based on the WHO guidelines. Like any passive ThermoBox from IsoboxxSystems/Thermosecure, the TB 30 is able to maintain various temperatures, for example in the range from +2°C to +8°C, as well as low temperatures of -30°C or room temperatures against arctic temperatures. Special PCM cooling elements allow various temperature ranges to be established without the need for an external energy supply. Equipped with an integrated FDA-compliant data logger developed in-house, it is now also possible to reliably document the temperature gradient. Only the IsoboxxSystems/Thermosecure data logger as an "integrated system" assures documentation that truly offers legal certainty.

Isotan V-Plus: ISO container with data logging and protocol printing

The reusable Isotan V-Plus container features a gross volume of 20 litres and insulating performance of over 48 hours. The lightweight, robust "ISOTAN" plastic box features a sophisticated, highly convincing design: it constitutes a stacking system with interior dimensions tailored to laboratory requirements and is hygienic to clean. The temperature gradient is recorded by an integrated data logger. Printing the results via the integrated printer is possible at any time. The box has been validated by the IML Fraunhofer Institute and corresponds to the Packaging Directive (VerpackV) P650.

Visit IsoboxxSystems/Thermosecure at Arabhealth, booth ZB 70 (shared German booth).

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About ThermoSecure medical equipment GmbH

ThermoSecure produces and distributes a full range of “mobile cooling” equipment. As a world-leading outfitter, its customers include the WHO and numerous military medical service institutions. These organisations mainly use ThermoSecure boxes for the secure transportation of vaccines and blood products.