

TANOS

Insulated systainer®: delivering COVID vaccine to those who need it

Recaremed supplies TANOS systainer® for effective distribution of COVID vaccine to Region Östergötland, Sweden. Some of the factors that determined the region's choice were that the box comfortably passed the thermal validation and that Recaremed could deliver it quickly.

TANOS first insulated systainer® became available to customers in 1995, providing secure and reliable transportation of biological materials. For more than 15 years now the systainer® has been applicable in many medical fields such as hospitals, laboratory, dental, pharmaceutical etc.



No wonder that starting from March 2020 the systainer® T-Loc has been used in the Europe and other parts of the world to transport the COVID test and vaccines. We turned to our partner Recaremed AB from Sweden to find out more.

Sweden's most ingenious transport box for COVID vaccine

Region Östergötland's most important requirement for choosing the transport box is that it can maintain a temperature of 2-8°C for at least six hours. This is the approved temperature for the shelf-life of the vaccine once it has been taken out of the freezer.

“We are grateful that we can contribute a good solution that helps Region Östergötland to deliver the COVID vaccine to those who need it”, says Dag Malgeryd, CEO and founder of Recaremed AB.

Recaremed have been using the TANOS systainer® T-Loc III, IV and V together with the additional expanded polypropylene (EPP) inlay which passed Region Östergötland's thermal validation in a very convincing way. It turned out that the boxes with icepacks maintain the temperature significantly longer than the region's high standards require.

The possibility of using the systainer® after the pandemic also played a role in the choice, since they are also suitable to be used by laboratory enterprises to send samples.

So far, Recaremed has delivered the boxes to Region Östergötland. They are used to distribute vaccines to health centres, vaccination centres and vaccination points for medical staff at the hospitals in Linköping, Norrköping and Motala.



TANOS

The systainer® solution provides many additional features that makes the process of transporting and storage of vaccines convenient and reliable:



- ✓ The expanded polypropylene (EPP) interior of the box can be lifted out and washed. The EPP unit can be equipped with dividers and icepacks that keep the vaccine separate from the icepacks and ensure that the vaccine is kept cool throughout its transport to the health center.
 - ✓ The boxes can be connected to each other vertically and, in addition to conforming to high temperature requirements for at least six hours, they are appreciated for their low weight, robustness and easy of cleaning.
 - ✓ The boxes are lockable and can be sealed, which is a prerequisite for them to meet a very high level of security.
 - ✓ The systainer® also has an address card holder on all sides that is easily updated with a whiteboard pen.
- ✓ The whole systainer®, as well as handles and latches can be ordered in different colours. The colour is a recognition factor, which makes the boxes easier to identify for carriers, health centres and others.

Further application around the world

On December 2020 the press published articles on the first vaccines shots being delivered across the United States. On one of the photos shows a group of pharmacists arrives at NYU Langone Hospital, carrying the coronavirus vaccine in TANOS insulated systainer®.

About TANOS GmbH

TANOS GmbH develops and distributes the multifunctional systainer® case systems for the optimal organization, presentation and transport of the products and tools. Its portfolio consists of the patented, linkable and customized systainer® cases as well as associated supplementary products.

Contact Olena Danylchenko, TANOS GmbH:

olena.danylchenko@tanos.de, +49 (0)7303 / 165 302 38

www.TANOS.de

About Recaremed AB

Recaremed is a knowledge company focusing on the sustainable handling of pharmaceutical waste. Our customer groups are regions, municipalities and companies with both small and large-scale operations in the healthcare sector, which handle and use pharmaceuticals and cutting/stitching products

Contact Dag Malgeryd, Recaremed AB:

dag@recaremed.se / info@recaremed.se, 010-33 00 510/ 070-290 93 93.

www.recaremed.se.

