

Technical datas and instruction for use

ISOS® CASE

CE

The ISOS® CASE

The ISOS® +22°C case is a special device for the transportation of delicate material requiring cautious handling, like platelet concentrates.



The advanced design of the ISOS® Safety Packing device has been specially conceived to ensure a maximum of security for the transport material as well as for the persons handling it and for the environment.

ALCAL® is placed into an injection-moulded polypropylene carrier case body with two light fastening clips and a holder for safety transportation and the affixing of a seal. A foam rubber (food safety requirements) is used for thermal insulation. ISOS® receives ALCAL® +22°C and 1 to 4 platelet concentrates.



*ISOS® weight when empty :
1,350 kg*

*ISOS® exterior dimensions :
440x350x95 mm*

*ISOS® interior dimensions :
373x220x37 mm*

The ALCAL®

ALCAL® is an advanced material that has been developed and registered by the French institute for scientific research C.N.R.S. in cooperation with the University of Bordeaux I and the company ISOS (invented by Mrs Haget, Mr Cuevas and Mrs Mondieig, registered patent no 9108695).



ALCAL® +4°C

ALCAL® is a molecular alloy that can change from the solid into the fluid state at a constant temperature producing in this process an important amount of energy : refrigerating negative kilo-calories. The temperature obtained in the process of changing states is determined by the compound's molecular composition.

⇒ In combination with the ISOS® suitcase, ALCAL® provides thermo-regulation for safe transport conditions.

ALCAL® is provided in a ready-to-use pouch of +-700 gr.



ALCAL® +22°C

Instructions for cleaning

All the parts of the ISOS® case as well as the ALCAL® packs can be easily cleaned and disinfected with chlorinated potash or of sodium hypochlorate.

Guarantee

ISOS® and every ALCAL® pack have a guarantee of one year starting with the date of delivery.

ISOS 4

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Instructions for use

<p align="center">ISOS® CASE and ALCAL® +4°C</p> 	<p align="center">ISOS® CASE and ALCAL® +22°C</p> 				
<p align="center">① PREPARATION of ALCAL® for transportation purposes</p> <p align="center">Put the suitable ALCAL® packs into the storage area several hours before the intended transportation.</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p><i>ALCAL® +4°C</i> 3°C < Storage T^{ure} < 4°C</p> </td> <td style="width: 50%; text-align: center;"> <p><i>ALCAL® +22°C</i> 21°C < Storage T^{ure} < 22°C</p> </td> </tr> <tr> <td>ALCAL® packs can be used as soon as they have become completely solid.</td> <td>ALCAL® packs can be used as soon as they have become completely solid.</td> </tr> </table>		<p><i>ALCAL® +4°C</i> 3°C < Storage T^{ure} < 4°C</p>	<p><i>ALCAL® +22°C</i> 21°C < Storage T^{ure} < 22°C</p>	ALCAL® packs can be used as soon as they have become completely solid.	ALCAL® packs can be used as soon as they have become completely solid.
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<p align="center">② LOAD of ISOS® CASE</p> <ol style="list-style-type: none"> 1. Open the two clasps and open the suitcase. 2. For thermo-regulated transportation put the suitable ALCAL® packs into the suitcase., Put the transport material into the ALCAL® pack. 3. Fold up the ALCAL® pack. 4. Close the carrier case and shut down the two clasps before sealing if this is required. 					

Performances

<p align="center">ISOS® CASE and ALCAL® +4°C</p>	<p align="center">ISOS® CASE and ALCAL® +22°C</p>
<p align="center">7 hours preservation in a 20°C environment</p>	<p align="center">9 hours preservation in a 25°C environment</p>

Recommendations

After use, the ALCAL® packs should be put back into storage conditions as soon as possible in order to reduce the time necessary for the material to become solid again.

ALCAL® is a greasy substance. If any leaking of an ALCAL® pack on a transported product should occur :

1. Remove ALCAL® ,
2. Contact your distributor.

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