



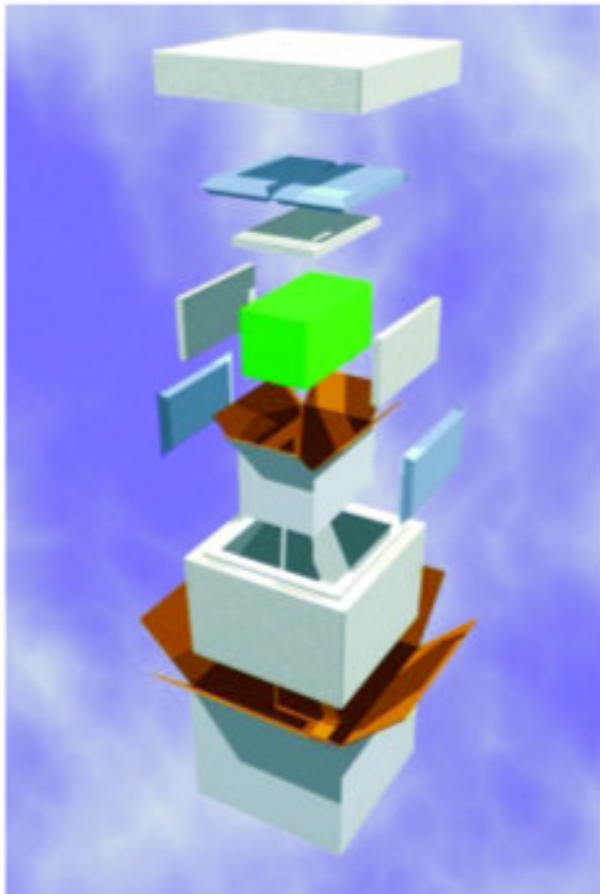
laminarmedica

insulated
shipping
systems

A total solution
to the problem
of shipping
temperature
sensitive products
worldwide

CHILLTHERM[®] OFF-THE-SHELF 2-8°C SHIPPERS

A fully validated range of insulated shipping systems





CHILLTHERM® RANGE OF FULLY VALIDATED 2-8°C INSULATED SHIPPING SYSTEMS

Laminar Medica specialises in the design, test, manufacture and validation of insulated shipping systems used by the pharmaceutical and biotech industries globally. These systems protect vaccines, drugs, blood and associated medical products from the extremes of temperature during transportation.

Through collaboration with some of the top pharmaceutical and biotech companies in the world and in response to demand from many small/medium enterprises, we have developed a practical and affordable shipping solution offering high performance and rapid delivery.

The Chilltherm® standard range of validated shippers has been developed through Laminar Medica's vast experience in the field of cold chain

shipping and utilisation of our searchable database containing more than 30,000 test results, as an alternative to the usual bespoke validation service.

The Chilltherm® range of solutions accommodates product volumes from 1.7 to 470 litres and transit durations of 24 to 96 hours. Protocols have been devised for the whole range considering both summer and winter shipments and utilising a common bill of materials, simply with different configurations for the hot and cold cycles. As usual, all components are manufactured by Laminar Medica under a strict ISO9001:2000 quality system.

The systems have been tested with a range of product types including diagnostic kits, blister packed syringes and carton packed vials. They have also been validated for high and low challenges representative of their designated seasons. The Chilltherm® range of shippers include solutions that are suitable for local, national, international and global shipments.

All the shippers have been designed to meet exacting specifications and have been qualified thoroughly. Extensive supporting data can also be requested to demonstrate compliance with GDP. The Chilltherm® range is available by the pallet from our manufacturing plant in the UK and also from our German distribution centre near Frankfurt.

For further information please contact us.

DETAILS OF THE RANGE

Chilltherm 1.7

Outer dimensions 316x316x324mm
Inner dimensions 210x178x180mm
Product volume available 1.7 Litres
Validated service duration 24 hours

Chilltherm 2.8

Outer dimensions 348x348x353mm
Inner dimensions 247x247x222mm
Product volume available 2.8 Litres
Validated service duration 60 hours

Chilltherm 3.5

Outer dimensions 354x354x369mm
Inner dimensions 237x195x223mm
Product volume available 3.5 Litres
Validated service duration 48 hours

Chilltherm 10.3

Outer dimensions 464x464x399mm
Inner dimensions 320x320x239mm
Product volume available 10.3 Litres
Validated service duration 72 hours

Chilltherm 21

Outer dimensions 681x501x426mm
Inner dimensions 455x375x300mm
Product volume available 21 Litres
Validated service duration 72 hours

Chilltherm 46

Outer dimensions 683x503x741mm
Inner dimensions 455x375x605mm
Product volume available 46 Litres
Validated service duration 96 hours

Chilltherm 180

Outer dimensions 905x735x1080mm
Inner dimensions 760x590x810mm
Product volume available 180 Litres
Validated service duration 72 hours

Chilltherm 470

Outer dimensions 1250x1050x1250mm
Inner dimensions 1030x820x965mm
Product volume available 470 Litres
Validated service duration 96 hours

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ISO9001:2000
FM 28012



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