

BIO THERM EXTREME

-30 TO +40°C



**SAMPLE
TRANSPORT
PACKAGING**



The BioTherm Extreme product range protects the integrity of critical ambient patient samples when exposed to extreme climates from -30°C to +40°C. These systems are qualified for between 4 to 38 hours.

THIS PRODUCT CAN BE USED TO

- Deliver a lower cost transportation solution, compared to traditional temperature protection for sub 1 kg to sub 5 kg actual/volumetric weight samples
- Reduce sample attrition eliminating the need for costly re-tests
- Operate with zero conditioning and minimal assembly time, allowing ease of use by clinical trial sites

For more information please contact Intelsius UK cs@intelsius.com

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BIOTHERM EXTREME-0

| |
|---|
| Product Code |
| EES0 |
| -20°C Flat Exposure |
| 5+ hours > 2°C |
| 6+ hours > 0°C |
| -30°C Flat Exposure |
| 4+ hours > 2°C |
| 5+ hours > 0°C |
| +40°C Flat Exposure |
| 8+ hours < 25°C |
| 11+ hours < 30°C |
| Typical Payload |
| 6 x 8ml tubes |
| Ideal Use |
| Domestic |
| Compliance |
| Category A or B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 291 x 191 x 102 mm |
| 11.5 x 7.6 x 4.1 in |
| Volumetric Weight L/6 |
| 0.94 kgvol ⁶ 2.1 lbsvol ⁶ |
| Mass |
| 0.92 kg 2.1 lbs |

BIOTHERM EXTREME-1

| |
|---|
| Cold Exposure Product Code |
| EES1C |
| -20°C Flat Exposure |
| 7+ hours > 2°C |
| 9+ hours > 0°C |
| -30°C Flat Exposure |
| 6+ hours > 2°C |
| 7+ hours > 0°C |
| Hot Exposure Product Code |
| EESIH |
| +40°C Flat Exposure |
| 11+ hours < 25°C |
| 14+ hours < 30°C |
| Typical Payload |
| 6 x 8ml tubes |
| Ideal Use |
| Domestic |
| Compliance |
| Category A or B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 291 x 191 x 102 mm |
| 11.5 x 7.6 x 4.1 in |
| Volumetric Weight L/6 |
| 0.94 kgvol ⁶ 2.1 lbsvol ⁶ |
| Mass |
| 1.16 kg 2.6 lbs |

BIOTHERM EXTREME-2

| |
|--|
| Cold Exposure Product Code |
| EES2 |
| -20°C Flat Exposure |
| 11+ hours > 2°C |
| 13+ hours > 0°C |
| -30°C Flat Exposure |
| 6+ hours > 2°C |
| 7+ hours > 0°C |
| Hot Exposure Product Code |
| EES2 |
| +40°C Flat Exposure |
| 11+ hours < 25°C |
| 16+ hours < 30°C |
| Typical Payload |
| 12 x 8ml tubes |
| Ideal Use |
| International |
| Compliance |
| Category B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 218 x 221 x 293 mm |
| 8.6 x 8.7 x 11.6 in |
| Volumetric Weight L/6 |
| 2.4 kgvol ⁶ 5.2 lbsvol ⁶ |
| Mass |
| 2.1 kg 4.6 lbs |



*Systems are Category A or Category B compliant when used in conjunction with an Intelsius 95kPa Pouch and Absorbent (sold separately)

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BIOTHERM EXTREME-3

| Cold Exposure Product Code |
|---|
| EES3P - PharmaChill** EES3B - BioChill** |
| -20°C Flat Exposure |
| 16+ hours > 2°C |
| 18+ hours > 0°C |
| -30°C Flat Exposure |
| 12+ hours > 2°C |
| 14+ hours > 0°C |
| Hot Exposure Product Code |
| EES3P - PharmaChill** EES3B - BioChill** |
| +40°C Flat Exposure |
| 22+ hours < 25°C |
| 31+ hours < 30°C |
| Typical Payload |
| 18 x 8ml tubes |
| Ideal Use |
| International |
| Compliance |
| Category B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 308 x 308 x 310 mm |
| 12.2 x 12.2 x 12.2 in |
| Volumetric Weight L/6 |
| 4.9 kgvol ^c 10.8 lbsvol ^c |
| Mass |
| 4.6 kg 10.2 lbs |

BIOTHERM EXTREME-4

| Cold Exposure Product Code |
|---|
| EES4C |
| -20°C Flat Exposure |
| 27+ hours > 2°C |
| 33+ hours > 0°C |
| -30°C Flat Exposure |
| 18+ hours > 2°C |
| 21+ hours > 0°C |
| Hot Exposure Product Code |
| EES4H |
| +40°C Flat Exposure |
| 32+ hours < 25°C |
| 38+ hours < 30°C |
| Typical Payload |
| 18 x 8ml tubes |
| Ideal Use |
| Extreme International |
| Compliance |
| Category B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 308 x 308 x 310 mm |
| 12.2 x 12.2 x 12.2 in |
| Volumetric Weight L/6 |
| 4.9 kgvol ^c 10.8 lbsvol ^c |
| Mass |
| 4.8 kg 10.6 lbs |

BIOTHERM EXTREME-5

| Cold Exposure Product Code |
|---|
| EES5C |
| -20°C Flat Exposure |
| 18+ hours > 2°C |
| 23+ hours > 0°C |
| -30°C Flat Exposure |
| 11+ hours > 2°C |
| 23+ hours > 0°C |
| Hot Exposure Product Code |
| EES5H |
| +40°C Flat Exposure |
| 22+ hours < 25°C |
| 27+ hours < 30°C |
| Typical Payload |
| 6 x 8ml tubes |
| Ideal Use |
| Extreme International |
| Compliance |
| Category A or B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 291 x 191 x 102 mm |
| 11.5 x 7.6 x 4.1 in |
| Volumetric Weight L/6 |
| 0.94 kgvol ^c 2.1 lbsvol ^c |
| Mass |
| 1.34 kg 2.95 lbs |

BIOTHERM EXTREME-6

| Product Code |
|--|
| EES6 |
| ISTA 7D HOT |
| 36 hours |
| Typical Payload |
| 12 x 8ml tubes / 1 Cryovial Box |
| Ideal Use |
| Extreme International |
| Compliance |
| Category B Substances* |
| Re-Usability |
| Multi-Use |
| External Dimensions |
| 280 x 275 x 180 mm |
| 11.0 x 10.8 x 7.1 in |
| Payload Volume |
| 1.6 L |
| Volumetric Weight L/5 |
| 2.8 kgvol ^c 6.1 lbsvol ^c |
| Mass |
| 2.4 kg 5.3 lbs |

*Systems are Category A or Category B compliant when used in conjunction with an Intelsius 95kPa Pouch and Absorbent (sold separately)

**PharmaChills are rigid reusable bottles, BioChills are semi-rigid single use pouches

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