

AlphaCore⁵

Patient Warming System



Every patient, every time

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There is widespread clinical evidence of the benefits of patient warming for the prevention of inadvertent hypothermia¹.

The benefits of warming are clearly undeniable, such as improved morbidity and mortality, lower infection rates, reduced blood loss and less time in recovery¹.

The AlphaCore⁵ Patient Warming System, powered by Inditherm, provides safe and controlled warming to assist in the maintenance of normothermia. The system combines more effective thermal transfer with simplicity of use, making it superior to other warming methods currently available.

The patented warming technology has applications in neonatal, paediatric and perioperative environments.



Simple touchscreen interface with user selectable range of 25°C to 40°C.



Mattresses are available to suit the full range of operating theatre tables and surgical procedures.



The mattresses retain the Inditherm patented flexible polymer technology, providing uniform heat distribution across the whole surface.

Perioperative

The application of this innovative yet well established technology, within the perioperative environment, not only provides optimal care for the patient but also offers significant financial benefits with a much lower cost of ownership compared to other warming methods. Using this technology, warming all patients is considerably less expensive than being selective, delivering the benefits to every patient, every time.

NICE clinical guidelines support the use of this technology for patients undergoing operations which carry risk of inadvertent hypothermia. Hospital reviews show considerable cost savings employing this technology as a comparison with single patient use forced air technologies.

Every patient, every time

Compact

- Ergonomic, lightweight and transportable
- Connect several warming accessories to one AlphaCore⁵ Controller
- Full-colour touchscreen for easy navigation

Convenient

- Quick and easy to use
- Universal mattress can be used on up to 95% of operating theatre tables
- Silent in operation to reduce background noise levels

Complete

- The holistic perioperative solution can be used from anaesthetics to recovery room
- Economical, with low ongoing running costs and low-energy usage
- Suitable for use on patients of all ages and sizes



Neonatal and Paediatrics

Management of body temperature in neonates is often challenging. Active warming of pre-term infants can reduce complications and improve outcomes.

The lightweight and compact AlphaCore⁵ Patient Warming System is ideally suited for use in delivery suites, maternity wards, neonatal intensive care departments and special care baby units.

The risk of hypothermia in the delivery suite has also been well documented. The AlphaCore⁵ Patient Warming System has been designed to fit the LifeStart[™] neonatal bedside resuscitation unit as part of introducing thermal support at the earliest opportunity.

This technology provides a simple, effective and affordable solution for all these clinical environments and for the active mitigation of potential inadvertent hypothermia, wherever it may occur.



AlphaCore⁵ Patient Warming System
in conjunction with LifeStart[™]

Ordering Information, Technical Description and Specifications

AlphaCore⁵ Controller*

AlphaCore⁵ Controller IHC-1000

Operating Theatre Mattresses*

O.T. Mattress, Full Length (1900mm x 585mm) IHC-OTM1
 O.T. Mattress, Full Length, Narrow (1900mm x 535mm) IHC-OTM1-N
 O.T. Mattress, ¾ Length (1200mm x 585mm) IHC-OTM2
 O.T. Mattress, ¾ Length, Narrow (1200mm x 535mm) IHC-OTM2-N
 O.T. Mattress, ½ Length (1070mm x 585mm) IHC-GTM1
 O.T. Mattress, ½ Length, Narrow (1070mm x 535mm) IHC-GTM1-N

Neonatal Mattresses*

Neonatal Mattress, Small (610mm x 340mm) IHC-NCM1
 Neonatal Mattress, Medium (610mm x 430mm) IHC-NCM3
 Neonatal Mattress, Panda (660mm x 480mm) IHC-NCM5
 Neonatal Mattress for LifeStart™ IHC-NCM9

Mattress Connection Cables (right angled)*

Connection Cable, 1m (right-angled) IHC-1020-10
 Connection Cable, 3m (right-angled) IHC-1020-30

Mattress Connection Cables (straight)*

Connection Cable, 1m (straight) IHC-1021-10
 Connection Cable, 3m (straight) IHC-1021-30

Skin Probes*

Re-usable Skin Probe (supplied by Metko) (not for USA) TCFMT400/AS-THT
 Disposable Skin Probe (supplied by Metko) (not for USA) TCFMT400/ ASD
 2 pin Redel Connector TCFMT400/AECTHT

AlphaCore⁵ weight

1.7kg

AlphaCore⁵ dimensions

187mm (width) x 183mm (height) x 144mm (depth) (181mm with clamp fitted)

Clamp properties

Up to 40mm rail or pole, vertical or horizontal orientation

Power input

100 – 240 Vac 50-60Hz 195W (195VA)

Max. power output total combined 5 channels

170W

Reference

- (2016) Addendum to Clinical Guidelines CG65, Inadvertent Perioperative Hypothermia: Clinical Guideline Addendum 65.1. Developed by the National Institute for Health and Care Excellence.

*Note: Not all accessories are available in all markets. Please contact your local Inspiration Healthcare representative for more information.

The details given in this brochure are correct at time of going to press. The company reserves the right to improve the products shown.

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