

Geratherm®

Medical Warming Systems

www.geratherm.com



More than hot air

PatientWarmingSystem

UniqueTemp°

UniqueTemp[°] – state-of-the-art high-performance medical technology for hypothermia prevention. Its unique microchip technology in combination with its light-weight heatconducting fabric is responsible for the revolutionary characteristics of this elegant electrical Patient Warming System for the operating theatre.

ANAESTHESIA Benefits

- **Optimum and direct conduction of heat**
- **Very short warm-up period and even distribution of heat**
- **Can be connected to any number of warming blankets**

SURGERY Benefits

- **No noise from fans**
- **No hazardous dispersion of germs or particles through air disturbance**
- **No release of heat into the environment**

OPERATION MANAGEMENT Benefits

- **The lowest-cost warming system per application (with reusable covers)**
- **Precise calculation of costs according to time units**
- **No running costs from the changing of contaminated air filters**



State-of-the-art quality management and strict adherence to all standards ensure the safety and longevity of our products.

The control unit

Small. Clever. Intuitive.

UniqueTemp° – Its unique combination of high-performance warming systems and sophisticated safety sensor technology provide concentrated professional support for all surgical operations.



Individual blanket control

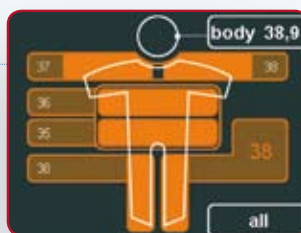
Automatic identification and individual temperature management of connected blankets (precision settings between 30 °C and 42 °C)

Body core temperature measurement

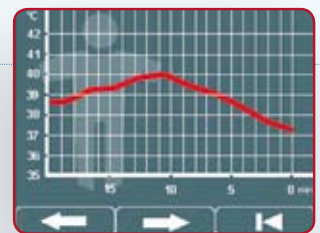
Continual temperature measurement using the MDT 400 standard enables data to be recorded for patient documentation

Optimum hygiene characteristics

Touchscreen technology – flat surface, easy to disinfect and resistant to sprayed water



Individual blanket control



Body core temperature measurement



“ The heart of this strict quality control system is the test laboratory, which subjects every component to the most stringent tests prior to installation.

The warming blankets

Hygienic. Cosy. Versatile.

UniqueTemp® – The latest polymer technology and special surface coating create an ideal symbiosis between the very highest safety standards and maximum efficiency in our warming blankets.

» Just plug and warm«

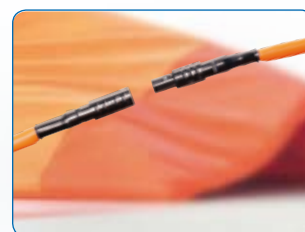
The single-cable plug-in system means that any number of warming blankets can be added or removed - even during the operation

Innovative materials

Antibacterial, blood and fluidresistant reusable covers, suitable for wiping with disinfectant and washable at up to 95 °C alternatively, textile disposable covers (sterile and non-sterile)

Ingenious warming blanket technology

High-performance warming technology and safety sensor technology enable our blankets to be used for X-ray, ultrasound and CT procedures, latex-free, resistant to breakage and bending



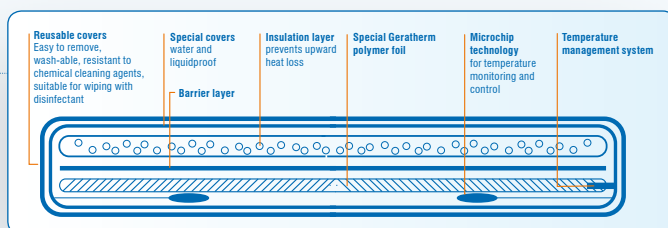
Single-cable plug-in system



Use of reusable cover



Use of disposable cover



Segment technology



Precision working and custom production along with our high-qualified employees ensure the high quality and safety of UniqueTemp®.

Examples of application

UniqueTemp°

UniqueTemp° – The state-of-the-art microchip-controlled digital technology of the Geratherm UniqueTemp° Warming System guarantees a fully-automated system for a wide range of applications in many different situations.

PATIENT POSITIONS Examples

→ **Optimum warming blanket handling for difficult patient positions**

- 1 Abdominal surgery
- 2 Thoracic surgery
- 3 Spine surgery
- 4 Vascular surgery/ Orthopaedics
- 5 Preparation for surgery
- 6 Mamma surgery

Scope of delivery

UniqueTemp° control unit
Holding claw
Arm/Shoulder blanket
Torso blanket
Leg blankets | left and right



// I have come very much to appreciate the feeling of well-being I had because of the use of the UniqueTemp° during my operation and my subsequent rapid recovery. *Elsa K. (53), Berlin*

Technical Facts

Geratherm UniqueTemp° - Operation warming system <i>digital</i>			
→ Warming blankets	Arm/Shoulder blanket	Torso blanket	Leg blanket
Design	actively warming system for the arm/shoulder area	actively warming system for the torso area	actively warming system for the leg area
Cover	Special textile, blood and fluid resistant		
Cleaning	wipeable, resistant to disinfectant, dry-cleanable		
Reusable cover*	Special textile, blood and fluid resistant, removable		
Weight in kg approx.	0.9	0.75	0.75
Dimensions in cm	175 x 32	45 x 92	45 x 92
→ Control unit	digital control for all possible combinations		
Temperature pre-setting	30 °C – 42 °C; in steps of 0.1 °C, separate settings for each blanket		
Temperature display	Desired and actual temperature visible on colour display (TFD 3.5 ")		
Operation	Touch-screen menu navigation and selection		
Firmware	updateable to the latest version		
Dimensions in cm	H 23 x B 11 x T 16.5		
Weight in kg	3.6		
Input voltage	100 – 240 V, AC		
Output voltage	35.5 V, DC		
Safety features	Autocheck, temperature measurement between warming system and patient, constant temperature monitoring, autostop in cases of overheating		
Connections to the blankets	Push & Pull quick-release coupling (as bus-system)		

* alternatively, disposable covers available upon request

If you have any questions or require further information about our **Geratherm® RescueWarmingSystems**, please do not hesitate to contact us.

GERATHERM MEDICAL AG - Germany

phone: +49 36205 98-0 • fax: +49 36205 98-116 • info@geratherm.com • www.geratherm.com