

# KANMED<sup>o</sup> OPERATHERM

Prevents hypothermia during routine surgery at minimum cost.





The new version of the Kanmed° Operatherm is safe, cost effective and easy to use. The flexible X-ray translucent Heating Pad is placed on the OR-table with the Kanmed Gel Pads on top. The quality and long lifetime of the Kanmed Operatherm system makes it possible to warm your patients at a minimum cost (2–3 €/£ per patient).

#### **HYPOTHERMIA MUST BE AVOIDED**

Today's hospitals are aware of the disadvantages that hypothermia causes for the patient (increase in wound infections, prolonged bleeding, longer hospital stay, etc.) Warm patients are less at risk from getting hypothermia related complications and substantial savings can be made. Kanmed Operatherm is a cost effective method to help preventing hypothermia and is very easy to use.

#### **APPLICATION AREAS**

Kanmed° Operatherm is mostly used in the OR area but is also practical for warming in cardio vascular X-ray procedures, neonatal wards, etc. The range of Heating Pads and Gel Pads permits the Operatherm to be used with most of your patients.

#### **VETERINARY AND RESEARCH VERSION**

A special version is available for use in veterinary clinics and for research. The Heating Pad temperature can be set up to 47 °C.



To roll the Gel Pads into the Heating Pad is a fast way to pre-warm the system before the next patient.

## SETS A NEW STANDARD IN “UNDER BODY” PATIENT WARMING SYSTEMS

### INTUITIVE USER INTERFACE

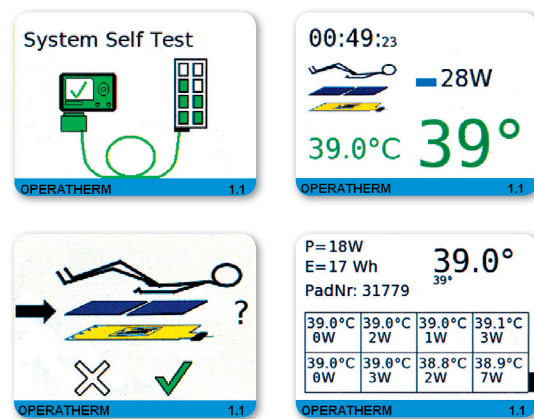
The user interface has a colour display that informs the user about set and actual temperature, power output, alarms, time in use, etc. All events are saved in the memory for many years.

### SAFETY

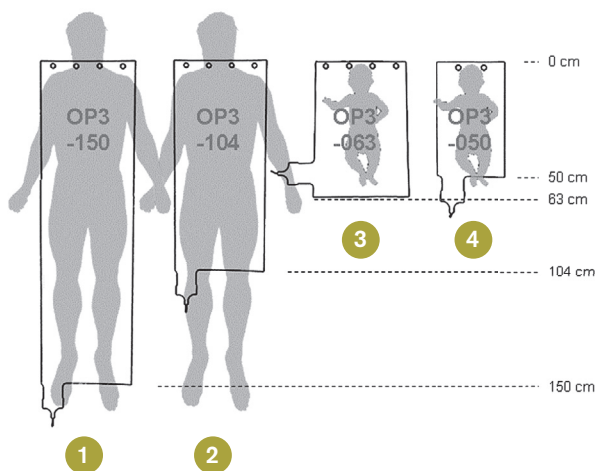
Kanmed<sup>o</sup> Operatherm has an advanced technology that sets a new standard when it comes to safety in “under body” patient warming systems. All Heating Pads are X-ray translucent and have 8 (4) heating elements that are individually controlled by the Control Unit. The elements act as temperature sensors and heaters at the same time. The Heating Pad Connector itself has independent electronics that continuously monitors the output from the Control Unit. Independently from the Control Unit it can switch off the heating in case of abnormal heating behavior.

### ANNUAL SERVICE AND SAFETY CHECKS ARE FAST AND SIMPLE TO PERFORM

The new Operatherm informs the technician about calibration values, alarm events, the age and use of a Heating Pad as well as service information and measurements to facilitate annual control of the safety systems.



## HEATING PADS



### HEATING PADS



**OP3-150 Long Heating Pad**  
Measures 45 x 150 cm. Often placed on the Operating table permanently switched on. Requires 3 Kanmed Gel Pads GE-455015.



**OP3-104 Standard Heating Pad.** Suitable for most applications. Measures 45 x 104 cm. Requires 2 Kanmed Gel Pads GE-455015.



**OP3-063 Short Heating Pad**  
Measures 45 x 63 cm. For small children during surgery, post operative warming, under radiant heater and on resuscitation tables. Fits into Kanmed Baby Bed BB-1 and BB-3. Requires Kanmed Gel Pad GE-436315.



**OP3-050 Paediatric Heating Pad**  
Measures 30 x 50 cm. For small children during surgery, post operative warming, under radiant heaters, on resuscitation tables and in baby cots. Requires Kanmed Gel Pad GE-305015.

# KANMED OPERATHERM

CONTROL UNIT	
ART. NO.:	OP3-022 ( factory set for 230 V AC), OP3-115 ( factory set for 115 V AC), OP3-100 (factory set for 100 V AC)
TEMPERATURE RANGE:	33 ° – 39 °C in steps of 1 °C, Veterinary version 33 °–47 °C. Accuracy better than ± 1 °C
VOLTAGE:	100 / 115 / 230V AC 50/60Hz 300VA
DIMENSION AND WEIGHT:	Length 26 cm; Width 16 cm; Height 12 cm; Weight 6kg
OTHER FEATURES:	Defibrillator and diathermia safe, event log, Gel Pad confirmation. Designed for continuous use.
HEATING PADS	
ART NO. OP3-104:	Standard Heating Pad
DIMENSION AND WEIGHT:	104 x 45 cm. 2,0 kg
ART NO. OP3-150:	Long Heating Pad
DIMENSION AND WEIGHT:	150 x 45 cm. 2,7 kg
ART NO. OP3-063:	Short Heating Pad
DIMENSION AND WEIGHT:	63 x 43 cm. 1,6 kg
ART NO. OP3-050:	Pediatric Heating Pad
DIMENSION AND WEIGHT:	50 x 30 cm. 1,0 kg
OTHER FEATURES:	All Heating Pads are X-ray translucent. The Heating Pads can be cleaned with all common surface disinfectant fluids. Cable length: 2,8 m. Heating Pad Voltage: 30 V AC
GEL PADS	
Note: Kanmed Operatherm should not be used without Kanmed Gel Pads for prevention of pressure points. Made of PU.	
ART NO. GE-455015:	For Heating Pads OP3-104 & OP3-150
DIMENSION & WEIGHT:	45 x 50 cm, height 1,2 cm, 3,1 kg
ART NO. GE-436315:	For Heating Pad OP3-063
DIMENSION AND WEIGHT:	43 x 63 cm, height 1,2 cm, 4,3 kg
ART NO. GE-305015:	For Heating Pad OP3-050
DIMENSION AND WEIGHT:	30 x 50 cm, height 1,2 cm, 2,1 kg



## A GREAT COMBINATION

Kanmed Operatherm patient warmer is mostly used in the Operating Room area but is also practical for warming during cardio vascular X-ray procedures, neonatal areas etc.

The Kanmed Operatherm together with Kanmed Anti Pressure Gel Pads, which are pre-warmed in the Kanmed Warming Cabinet, will help you to reduce patient hypothermia

and increase patient comfort. Costs are reduced by avoiding using disposables and by reducing problems associated with hypothermia.