

TECHNICAL DATA: 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, 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
MODE OF USE:	Continuous
OTHER FEATURES:	Defibrillator and diathermia safe, event log, gel pad confirmation

HEATING PADS

VOLTAGE:	30V DC
LENGTH OF CABLE:	2,8 m
ART NO. OP3-104:	Standard Heating Pad. Requires two GE-455015 Gel Pads.
DIMENSION AND WEIGHT:	104 x 45 cm. 2,0 kg
ART NO. OP3-150:	Long Heating Pad. Often left permanently switched on. Requires three GE-455015 Gel Pads.
DIMENSION AND WEIGHT:	150 x 45 cm. 2,7 kg
ART NO. OP3-063:	For small children during surgery, post operative warming, under radiant heater and on resuscitation tables. Suitable Gel Pad is GE-436315. Fits into Kanmed Baby Bed.
DIMENSION AND WEIGHT:	63 x 43 cm. 1,6 kg
ART NO. OP3-050:	Heating Pad. Paediatric. For small children during surgery, post operative warming, under radiant heaters, on resuscitation tables and in baby cots. Requires one GE305015 Gel Pad.
DIMENSION AND WEIGHT:	50 x 30 cm. 1,0 kg
OTHER FEATURES:	The Heating Pads will not disturb ECG or other equipment. All Heating Pads are X-ray translucent. The Heating Pads can be cleaned with all common surface disinfectant fluids.

GEL PADS

Note: Kanmed Operatherm should not be used without Kanmed Gel Pads.

ART NO. GE 455015:	Kanmed Gel Pad for the prevention of pressure sores. Made of PU. For Heating Pads OP3-104 & OP3-150
DIMENSION & WEIGHT:	45x50 cm, HEIGHT 1,2 cm, 3,0 kg
ART NO. GE 436315:	Kanmed Gel Pad, for the prevention of pressure sores. Made of PU. For Heating Pad OP3-063
DIMENSION AND WEIGHT:	43 x 63 cm, HEIGHT 1,2 cm, 4,3 kg.
ART NO. GE 305015:	Kanmed Gel Pad, for the prevention of pressure sores. Made of PU. For Heating Pad OP3-050
DIMENSION AND WEIGHT:	30 x 50 cm, HEIGHT 1,5 cm, 3,0 kg.

Subject to changes

KANMED[°] OPERATHERM

PREVENT HYPOTHERMIA DURING ROUTINE OPERATIONS AT MINIMUM COST





SETS A NEW STANDARD IN UNDER BODY PATIENT WARMING SYSTEMS

INTUITIVE USER INTERFACE

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

SAFETY

KANMED[°]OPERATHERM has an advanced technology that sets a new standard when it comes to safety in under body patient warming systems. The 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 elements are controlled by dual parallel temperature calculations for each heating element. The heating pad connector has an independent microprocessor that continuously monitors the output from the control unit and can switch off the heating in case of abnormal heating behavior.

ANNUAL SERVICE AND SAFETY CHECKS

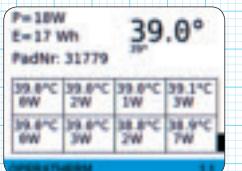
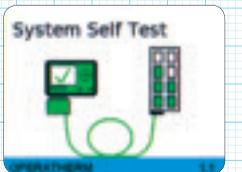
ARE FAST AND SIMPLE TO PERFORM

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 safety systems. Any updates or data collections can easily be done via the internal USB port.

A GREAT COMBINATION

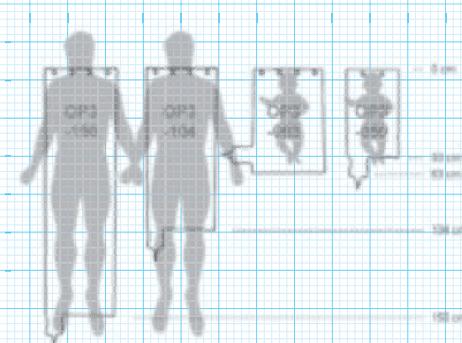
The Kanmed Operatherm with Kanmed Gel Pads in combination with the Kanmed Warming Cabinet enables you to minimize intra operative hypothermia. The Cabinet is used to prewarm the Kanmed Gel Pads, infusion- and irrigation fluids and patient bedding material.

See our homepage or ask your distributor for more information about the high quality stainless steel KANMED[°]WARMINGCABINET.



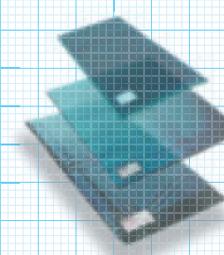
PRODUCT OPTIONS FOR KANMED[°]OPERATHERM

HEATING PADS



GEL PADS

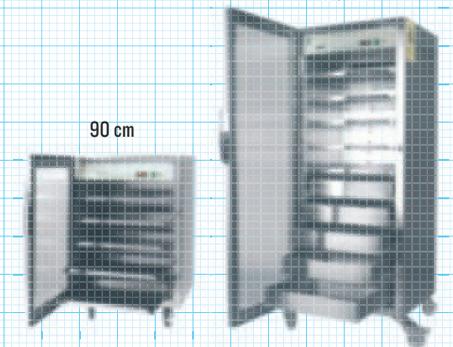
30 x 50 cm
45 x 50 cm
43 x 63 cm



WARMING CABINETS

175 cm

90 cm



The new version of Kanmed Operatherm is safe, cost effective and easy to use. The flexible X-ray translucent Heating Pad is placed on the OR-table with Kanmed Gel Pads, for minimizing pressure sores, on top. The quality and long lifetime of the Kanmed Operatherm makes it possible to warm at minimum cost (2-3 Euro per patient).

PERIOPERATIVE 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 complications and substantial savings can be made. Kanmed Operatherm is a cost effective method to help preventing hypothermia and is also 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 custom-made Gel Pads permits the Operatherm to be used with most of your patients.