

IOB Warming Unit



Patient Warming is designed to keep patients warm during anaesthesia and surgery. They are used in clinical areas where patients are at risk of hypothermia.

Warming Unit

1pcs / box

Product Code:

IOB-505

Distributed by: Infinium Medical

CALL: 866.918.8434 <https://infiniummedical.com/contact>



Adopt Professional (Meanwell) DC Module

- EMC compliance
- High efficiency
- Over current protection, short-circuit protection
- Self-recovery function



PTC Heating Units

- Significantly reduced risk of fire, long service life
- 3 groups of heating units running in parallel, triple guarantee
- Low risk of current leakage



Display

- Large LCD screen + LED Indicator
- Colour screen, good resolution
- More information on display



Adopt Low Air Flow

- Better warming performance
- Less influence to laminar in theatres



Digital Sensors in Hose

- More accurate
- No need for calibration by end user



Double Layer Filter

- Initial filter + HEPA filter
- Bigger filtration area



Firmware Upgrade

- On-site firmware upgrade possible



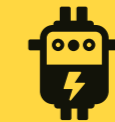
Power Cord

- US
- UK
- EU
- South Africa
- China
- Brazil



Customised Blower

- DC power drive
- Heat-resistant ABS plastic shell
- Customised copper axis, longer running life
- Lightweight
- PWM regulator with adjustable blower speed



Fuse System

- Dual stages fuses system
- Working & standby fuses
- Easy to replace without disassembling the unit



Fixation Design

- Bedside hook (stainless steel)
- Infusion rack hook (aluminium alloy)
- Air hose clamp (aluminium alloy)



Air Hose Cover

- Air hose cover available
- Easy to clean



Rolling Stand

- Two different heights
- Easy to install and use



Small Size & Lightweight

- Easy to carry and store



EMC

- Passed the latest EMC standard, IEC 60601-1-2:2014

Air Flow Comparison

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The IOB Warming Unit's exhaust volume is 58% more efficient than its nearest competitor, which has a much lower effect on the laminar system in theatre.



1.28%

IOB Warming Unit only accounts for 1.28% of the air flow rate in the operating theatre.



Calculation of Air Flow in a 40m² Operating Theatre

The air flow rate of the IOB Warming Unit only accounts for 1.28% in a 40m² operating theatre. In a well ventilated room, 63.2% of the air will be replaced after an hour.

Features & Benefits

What Sets Us Apart?

Safe Heating Modules and Safe Probes stabilise and lower temperature on heater surface (about 130°C).



Vertical structure design for key components



Reducing transverse displacement vibration



ABS fire protection shell

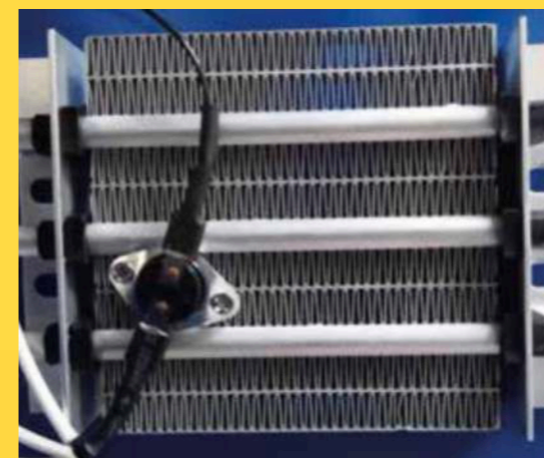


Hardware is made of stainless steel and aluminium alloy to improve corrosion resistance



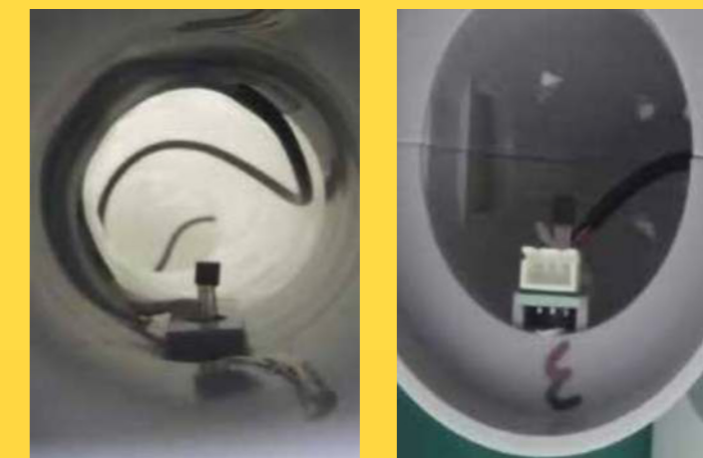
IOB Warming Unit

Safe Heating Modules



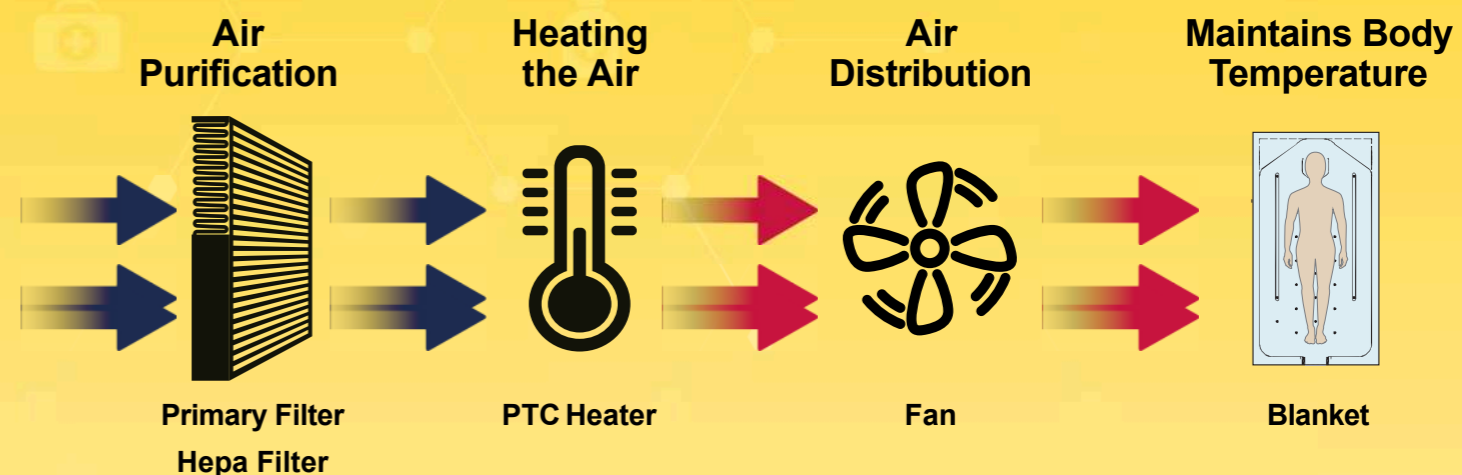
1. Significantly reduced risk of fire, long service life
2. 3 groups of heating units running in parallel, triple guarantee
3. Low risk of current leakage

Safe Probes



1. Digital sensors are more accurate
2. Calibrated by sensor manufacturer

Unique Design



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Why Use Digital Sensors?

- ✓ Sensors are easy to calibrate
- ✓ More efficient over time
- ✓ Alarms are triggered by overheating

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Rolling Stands

Height adjustable with two height settings means the stands fit under operating tables.



Rolling Stand
set at high height



Rolling Stand
set at low height

IOB Warming Blanket

More than 30 different types of warming blankets, customised and designed to meet medical requirements.

Sterile and non-sterile blankets available.

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Features & Benefits



Blanket Material

- Top layer: SMS non-woven & breathable PE film (polypropylene)
- Bottom layer: spun-bond & breathable PE film
- Better air permeability



Sterile Blanket

- Sterile versions of all blankets available
- All sterilised blankets are sterile by radiation which reduces infection



Air Inlet Position

- At the side of the blanket
- Parallel to the blanket
- Better distribution of the hot air
- Does not impede access to the patient

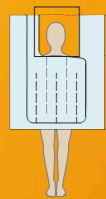


Warming Blankets

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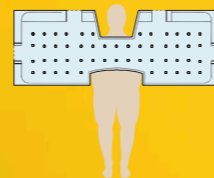
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Torso Warming Blanket

Model
IOB-001 *Non-sterile* NHSSC
IOB-001S *Sterile* VCB865
IOB-001S *Sterile* N/A

Size: 56in x 47in / 142cm x 120cm



XL Upper Body Warming Blanket

Model
IOB-021 *Non-sterile*
IOB-021S *Sterile*

Size: 91in x 39in / 230cm x 100cm



Cardiac Access Warming Blanket

Model
IOB-023 *Non-sterile* NHSSC
IOB-023S *Sterile* VCB854
IOB-023S *Sterile* N/A

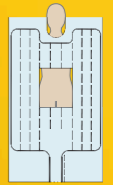
Size: 61in x 29in / 155cm x 74cm



Cath Lab Warming Blanket

Model
IOB-015 *Non-sterile* NHSSC
IOB-015S *Sterile* VCB854
IOB-015S *Sterile* N/A

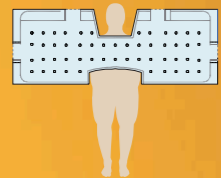
Size: 71in x 29in / 180cm x 74cm



Surgical Access Warming Blanket

Model
IOB-016 *Non-sterile*
IOB-016S *Sterile*

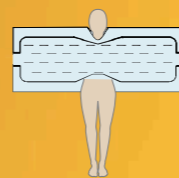
Size: 83in x 47in / 210cm x 120cm



Multi-Position Upper Body Warming Blanket

Model
IOB-030 *Non-sterile* NHSSC
IOB-030S *Sterile* VCB860
IOB-030S *Sterile* N/A

Size: 87in x 31in / 198cm x 80cm



Upper Body Warming Blanket

Model
IOB-003 *Non-sterile*
IOB-003S *Sterile*

Size: 77in x 25in / 195cm x 64cm



Full Body Surgical Warming Blanket

Model
IOB-008 *Non-sterile* NHSSC
IOB-008S *Sterile* VCB864
IOB-008S *Sterile* N/A

Size: 61in x 29in / 155cm x 74cm



Cardiac Access Warming Blanket

Model
IOB-020 *Non-sterile* NHSSC
IOB-020S *Sterile* VCB858
IOB-020S *Sterile* N/A

Size: 56in x 47in / 142cm x 120cm



Multi-Access Warming Blanket

Model
IOB-018 *Non-sterile* NHSSC
IOB-018S *Sterile* VCB859
IOB-018S *Sterile* N/A

Size: 83in x 47in / 210cm x 120cm

IOB Warming Blankets

IOB Warming Blankets



Warming Blankets

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Dual Port Torso

Model
IOB-019 *Non-sterile*
IOB-019S *Sterile*
Size: TBC



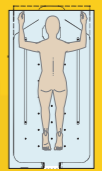
Lower Body
Warming Blanket

Model
IOB-002 *Non-sterile*
IOB-002S *Sterile*
Size: 56in x 47in / 142cm x 120cm



Adult Under Body
Warming Blanket

Model
IOB-006 *Non-sterile*
IOB-006S *Sterile*
Size: 85in x 39in / 215cm x 100cm



Spinal Under Body
Warming Blanket

Model
IOB-010 *Non-sterile*
IOB-010S *Sterile*
Size: 85in x 39in / 215cm x 100cm



Full Body Warming Blanket

Model
IOB-004 *Non-sterile*
IOB-004S *Sterile*
Size: 83in x 47in / 210cm x 120cm



Lithotomy & Orthopaedic
Under Body Warming Blanket

Model
IOB-029 *Non-sterile*
IOB-029S *Sterile*
Size: 79in x 39in / 200cm x 100cm



Lithotomy Under Body
Warming Blanket

Model
IOB-011 *Non-sterile*
IOB-011S *Sterile*
Size: 67in x 39in / 170cm x 100cm

IOB Warming Blankets

IOB Warming Blankets
Under Body

Paediatric Warming Blankets

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TECHNICAL SPECIFICATIONS

Dimensions: H28cm x D22cm x W22cm

Weight: 5.4 kg

Relative Noise Level: 55 dBA

Operating Temperature:

High: 43° ± 3°C (109.4° ± 5.4°F)

Med: 38° ± 3°C (100.4° ± 5.4°F)

Low: 32° ± 3°C (89.6° ± 5.4°F)

Device Rating:

110-120 VAC, 60 Hz, 10 A

220-240 VAC, 50 Hz, 8 A

Filter: 0.2 µm High-efficiency Filter, 500-1000 hours

Standards:

IEC 60601-1, IEC 60601-1-2, IEC 60601-1-8, IEC 80601-2-35

Upper Body

Model: IOB-003
195cm x 80cm



Lower Body

Model: IOB-002
142cm x 120 cm



Torso

Model: IOB-001
142cm x 120cm



Full Body Surgical

Model: IOB-008
210cm x 120cm



Underbody Warming Blankets

Pediatric Underbody

Model: IOB-005
91cm x 80cm



Large Pediatric Underbody

Model: IOB-009
160cm x 80cm



Spinal Underbody

Model: IOB-010
215cm x 100cm



Lithotomy Underbody

Model: IOB-011
170cm x 100cm



Full Access Underbody

Model: IOB-006
215cm x 100cm



Pediatric Warming Blankets

Pediatric Lower Body

Model: IOB-012
142cm x 100cm



Pediatric Long

Model: IOB-014
110cm x 64cm
(L210cm x W17cm)



Pediatric Full Body

Model: IOB-007
170cm x 100cm



Pediatric Underbody

Model: IOB-005
91cm x 80cm



Large Pediatric Underbody

Model: IOB-009
160cm x 80cm



Postoperative Warming Blankets

Adult Full Body

Model: IOB-004
210cm x 120cm



Pediatric Full Body

Model: IOB-007
170cm x 100cm



Other Warming Blankets

Cath Lab

Model: IOB-015
180 x 74cm
(L380cm x W17cm)



Surgical Access

Model: IOB-016
210cm x 120cm



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