

ThermoSens®

Blood & Fluid Warmer

Comfortable for patient
Convenient for medical personnel
Compact in size
Correct in performance



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ThermoSens®

Special and Unique Technology

ThermoSens® adopts a unique direct warming system having integral sensors.

It is ideal concept for blood and fluid warming practice.

At least the output temperature of 36°C is guaranteed among KVO – 150mL/min if input temperature is 20°C.

Convenience and Simplicity

ThermoSens® is compact in size and excellent in performance with one touch operation, which does not need regular maintenance and complicated training.



ThermoSens® Warming Unit

REF	7704-001
Voltage	15VDC
Weight	104g
Dimensions	59mm x 126mm x 37mm
Output temperature range	36-41°C
Classification(MDD 93/42/EEC)	Class IIb
Classification(IEC 60601-1)	Class I, Body Floating (BF)
Electromagnetic compatibility	EN 60601-1-2
Alarms compatibility	IEC 60601-1-8
Classification(IEC 60529)	IPX1

ThermoSens® Disposable Set has an integral air bubble trap, which can remove air bubbles causing obstruction while blood or fluid flows into a patient.



ThermoSens® Disposable Set

REF	8103-001
Patient line	200mm
Flow range	KVO – 150 mL/min
Priming volume	7mL
Classification(MDD93/42/EEC)	Class IIa
With integral air bubble trap and antireflux valve	
Non-Phthalates and Latex free	

ThermoSens® Adaptor has an IV pole clamp and a holder for warming unit to be located at any department in hospital. The IV pole clamp is rotatable for the adaptor to be placed onto a bed rail.



ThermoSens® Adaptor

REF	7752-001
Input	100-240V~, 50-60Hz, 3.5A
Output	15V=, 13.35A
Weight	1,340g
Dimensions	81mm x 215mm x 45mm
Classification(IEC 60601-1)	Class I
Classification(IEC 60529)	IPX1

ThermoSens® Battery Pack can last around 140 minutes if the flow rate of blood or fluid is 20mL/min, and it can last around 50 minutes if flow rate of blood or fluid is even 80mL/min.



ThermoSens® Battery Pack

REF	7760-001
Battery Nominal Voltage	14.6VDC
Discharging Current	5.5Ah
Weight	540g
Dimensions	87mm x 189mm x 34mm
Classification(IEC 60529)	IPX1
Classification(IEC 62133)	Compatible

ThermoSens® Battery Charger can recharge only **ThermoSens®** Battery Pack. Its recharging time is about an hour at a time.



ThermoSens® Battery Charger

REF	7770-001
Input	100-240V~, 50-60Hz, 1.5A
Output	16.8V=, 6.5A
Weight	550g
Dimensions	82mm x 196mm x 42mm
Classification(IEC 60529)	IPX1
Classification(IEC 60950-1)	Class I