

# smiths medical

## level 1®

### Convective Warming System

#### Technical Summary Sheet

#### DEVICE CLASSIFICATION

**EU/USA:** Class IIb

**Canada:** 2

#### GMDN

36954

#### CE MARK

0086

#### Product Description

The Level 1® Convective Warming System consists of a high-flow convective warmer with hose-end temperature control, and is used with a convective warming blanket, and accessories. The convective warmer has three outlet temperature settings, that provide flexibility in patient treatment: 37°C, 40°C, and 43°C. A fourth temperature setting delivers ambient-temperature air. The safety circuit provides an independent means of shutoff that discontinues power to the heater. Over-temperature is monitored and alarms separately for each temperature setting.

#### Indications

The Level 1® Convective Warmer is intended to prevent and treat hypothermia when temperature therapy is clinically indicated. The warmer can also be used to provide thermal comfort when conditions exist that may cause patients to become too warm or too cold. The Level 1® Convective Warmer can be used with adult or pediatric patients and is intended for use by appropriately trained healthcare professionals in clinical environments.

#### Precautions

Please see the Instructions for Use/Operator's Manual for a complete listing of the indications, contraindications, warnings and precautions.

#### Legal Manufacture Site Name and Address

**Smiths Medical ASD, Inc.**

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#### Relevant Standards

IEC60601-1; IEC60601-1-2; IEC:80601-2-35

	120V	220V	100V
Electrical Requirements (Voltage)	120 VAC, 50/60 Hz	230 VAC, 50/60 Hz	100 VAC, 50/60 Hz
Electrical Requirements (Nominal)	8.7 Amps	4.0 Amps	10.0 Amps
Electrical Requirements (Peak)	10.0 Amps	6.0 Amps	12.0 Amps
Heater Wattage	950 watts	950 watts	900 watts
Temperature Settings	Ambient, 37°C, 40°C, 43°C		
Over Temperature Alarm	+1°C over selected temperature and/or above 45°C		
Under Temperature Alarm	-1°C under selected temperature and/or below 36°C		
Alarms	Audio and Visual Alarms		
Ingression Protection	IP12		
Operating Sound Level	41.5 dBA	41.5 dBA	42.3 dBA
Alarm Sound Level	> 60 dBA		

Level 1® Convective Warming System							
Product Code	GTIN	Description	Container Type	Length (cm)	Width (cm)	Height (cm)	Case Quantity
L1-CW-100V	15019517118131	Convective Warmer (100V, 50/60 Hz)	Box (1 each) Pallet (20 each)	39.37 4 layers, 5 per layer	48.89	50.8	1
L1-CW-120V	15019517121551	Convective Warmer (110-127V, 50/60 Hz)	Box (1 each) Pallet (20 each)	39.37 4 layers, 5 per layer	48.89	50.8	1
L1-CW-220V	15019517118124	Convective Warmer (220-240V, 50/60 Hz)	Box (1 each) Pallet	39.37 4 layers, 5 per layer	48.89	50.8	1
L1-HOSE	15019517100280	Replacement L1-CW Hose	Box (1 each) Pallet (110 each)	38.1 11 layers, 10 boxes per layer	27.94	17.78	1
L1-CART	15019517100297	Cart/Trolley	Box (1 each) Pallet (45 each)	55.88 9 layers, 5 per layer	35.56	20.32	1
L1-SHELF	15019517100273	Cart/Trolley storage shelf	Box (1 each) Pallet (45 each)	55.88 9 layers, 5 per layer	35.56	20.32	1
L1-FILTER	15019517100303	Replacement L1-CW Filter	Box (10 each) Pallet (900 each)	20.32 6 layers, 15 boxes per layer	40.64	31.75	10
L1-CLAMP	15019517100310	IV Pole Clamp	Box (1 each) Pallet (1292 each)	17.78 19 layers, 68 per layer	10.16	10.16	1

Level 1® Convective Warming System							
Product Code	GTIN	Power Cord Description	Container Type	Length (cm)	Width (cm)	Height (cm)	Case Quantity
L1-PWR-ARG	15019517125610	Argentina	Box (1 each) Pallet (840 each)	10.16 7 layers, 120 boxes per layer	10.16 7 layers, 120 boxes per layer	25.4 7 layers, 120 boxes per layer	1
L1-PWR-B	15019517100457	Americas					
L1-PWR-BR1	15019517100464	Brazil					
L1-PWR-I-CHINA	15019517100488	China and Mongolia					
L1-PWR-H	15019517100419	Israel					
L1-PWR-I	15019517100389	ANZ					
L1-PWR-J	15019517100433	Switzerland					
L1-PWR-JP	15019517125603	Japan					
L1-PWR-K	15019517100396	Denmark and Bangladesh					
L1-PWR-KOR	15019517125597	South Korea					
L1-PWR-L	15019517100426	Chile and Italy					
L1-PWR-M	15019517100402	India, Pakistan, Sri Lanka					
L1-PWR-THA	15019517125580	Thailand					
L1-PWR-ZAF	15019517125573	South Africa					
L1-PWR-EU	15019517100495	CE 7/7 style, includes multi-lingual printed manual	Box (1 each) Pallet (416 each)	30.48	25.4	7.62	1
L1-PWR-G	15019517100440	UK style, includes English printed manual					
SC-5000		Replacement sheet clip	Box (1 each) Pallet (840 each)	10.16 7 layers, 120 boxes per layer	10.16 7 layers, 120 boxes per layer	25.4 7 layers, 120 boxes per layer	1
CW-5000		Replacement cord wrap					

For more information visit our website at [www.smiths-medical.com](http://www.smiths-medical.com)

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