Limited Warranty

SunTech Medical, Inc. provides to the original purchaser the following limited warranty from date of invoice:

- Main unit, SpO₂ modules, temp modules: 3 years
- OPD Blood Pressure Cuffs: 2 years
- Accessories (SpO₂ sensors, temp probes, BP hose, etc): 90 days

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SunTech CT40
Technical Specifications

Base Unit Contents
- SunTech CT40 Device with BP
- AC Power Cord
- 10’ BP Patient Hose
- Battery
- Quick Start Guide
- Adult Plus OPD Cuff
- Large Adult Plus OPD Cuff

Modules
- 99-0134-00 SunTech CT40 Base unit with BP (no power cord)
- 99-0134-01 SunTech CT40 Base unit with BP with AC Power Cord (Americas)
- 99-0134-02 SunTech CT40 Base unit with BP with AC Power Cord (Europe)
- 99-0134-03 SunTech CT40 Base unit with BP with AC Power Cord (UK)
- 98-0411-00 Chipox Nellcor® Compatible SpO₂ Module
- 98-0411-01 Masimo SET® SpO₂ Module (preferred)
- 98-0411-02 Covidien FILAC® 3000 Thermometry Module
- 98-0411-03 Touchless Thermometry Module (Not available in North America)

Systems Reference Configuration
- 99-0134-0X BP Only
- 99-0134-0X + 98-0411-01 BP, Masimo® SpO₂
- 99-0134-0X + 98-0411-00 BP, Nellcor® comp. SpO₂
- 99-0134-0X + 98-0411-02 BP, FILAC® Temp
- 99-0134-0X + 98-0411-03 BP, Touchless Temp
- 99-0134-0X + 98-0411-02 + 98-0411-01 BP, FILAC® Temp, Masimo® SpO₂
- 99-0134-0X + 98-0411-02 + 98-0411-00 BP, FILAC® Temp, Nellcor® comp. SpO₂
- 99-0134-0X + 98-0411-03 + 98-0411-01 BP, Touchless Temp, Masimo® SpO₂
- 99-0134-0X + 98-0411-03 + 98-0411-00 BP, Touchless Temp, Nellcor® comp. SpO₂

SpO₂
- Masimo SET® SpO₂ Module Accessories
  - Masimo® M-LNCS DCl Adult SpO₂ Reusable Sensor, 2501*
  - Masimo® M-LNC 10/3.0m Patient Cable, 2525*
  *Contact Masimo® for replacement orders

ChipOx Nellcor Compatible SpO₂ Module
- 52-0010-00 Reusable Adult SpO₂ Finger Sensor, ChipOx

Temperature
- Covidien FILAC 3000 Temperature Module Accessories
  - 52-0009-00 F3000 Oral/Axillary Temp Probe, 9’
  - 45-0006-00 F3000 Oral/Axillary Isolation Chamber, Blue
  - 52-0009-01 F3000 Rectal Temp Probe, 9’
  - 45-0006-01 F3000 Rectal Isolation Chamber, Red
  - 98-0131-00 F3000 Disposable Temp Probe Covers (Qty 500 - 25 boxes of 20)
  - 98-0130-00 F3000 Disposable Temp Probe Covers (Qty 5000)
  - 52-0011-00 F3000 Calibration Plug

Touchless IR Temperature Module Accessories
- 98-0412-00 Replacement IR Thermometer with cable
**Blood Pressure Cuffs**

**Blood Pressure Cuffs (Each)**
- 98-0599-41: OPD Child (12-19cm) BP Cuff, Bayonet
- 98-0599-43: OPD Small Adult (17-25cm) BP Cuff, Bayonet
- 98-0599-45: OPD Adult (23-33cm) BP Cuff, Bayonet
- 98-0599-4A: OPD Adult Plus (28-40cm) BP Cuff, Bayonet
- 98-0599-47: OPD Large Adult (31-40cm) BP Cuff, Bayonet
- 98-0599-4C: OPD Large Adult Plus (40-55cm) BP Cuff, Bayonet

**Blood Pressure Cuffs (Box of 5)**
- 98-0600-41: OPD Child (12-19cm) BP Cuff, Bayonet
- 98-0600-43: OPD Small Adult (17-25cm) BP Cuff, Bayonet
- 98-0600-45: OPD Adult (23-33cm) BP Cuff, Bayonet
- 98-0600-4A: OPD Adult Plus (28-40cm) BP Cuff, Bayonet
- 98-0600-47: OPD Large Adult (31-40cm) BP Cuff, Bayonet
- 98-0600-4C: OPD Large Adult Plus (40-55cm) BP Cuff, Bayonet

**Accessories**
- 46-0040-00: Deluxe Mobile Stand
- 46-0040-01: Mobile Stand Printer Mount
- 98-0256-00: SunTech CT40 Thermal Printer (w/USB, paper)
- 98-0257-00: SunTech CT40 Barcode Scanner (w/USB) with Scanner Mount
- 45-0005-00: SunTech CT40/50 WiFi Dual Band USB Dongle
- 91-0028-16: 10’/3.0m Patient BP Hose, Bayonet to Bayonet
- 91-0003-00: AC Power Cord (Americas)
- 91-0003-05: AC Power Cord (Europe)
- 91-0003-06: AC Power Cord (UK)
- 71-0543-00: Thermal Printer Paper
- 98-0900-00: SunTech CT40 Rechargeable Lithium Ion Battery

**SpO₂ Specifications**

<table>
<thead>
<tr>
<th>Function</th>
<th>Masimo MLNCS DCI Reusable Sensor</th>
<th>ChipOx</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturation</td>
<td>70-100%Arms (no motion) ± 2%</td>
<td>70-100%Arms ± 2%</td>
</tr>
<tr>
<td>Saturation</td>
<td>70-100%Arms (motion) ± 3%</td>
<td>N/A</td>
</tr>
<tr>
<td>Low Perfusion</td>
<td>SpO₂ +/-2%</td>
<td>N/A</td>
</tr>
<tr>
<td>Pulse Heart rate</td>
<td>± 3% BPM</td>
<td>20-300 BPM ±3 BPM</td>
</tr>
<tr>
<td>Pulse Heart rate w/motion</td>
<td>± 3% BPM</td>
<td>20-300 BPM ±3 BPM</td>
</tr>
</tbody>
</table>

**Temperature Specifications**

<table>
<thead>
<tr>
<th>Function</th>
<th>Touchless IR Thermometer</th>
<th>Covidien Electronic Thermometer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Accuracy</td>
<td>Body Temperature (36-39°C) ± 0.2°C</td>
<td>Quick Mode (Oral): ± 0.3°C</td>
</tr>
<tr>
<td></td>
<td>Body Temperature (34.0-35.9, 39.1-42.5°C) ± 0.3°C</td>
<td>Std. Mode (Aux/Rectal): ± 0.1°C</td>
</tr>
<tr>
<td></td>
<td>Wide Temperature (15-60°C) ± 2°C</td>
<td>Direct Mode ± 0.1°C</td>
</tr>
<tr>
<td>Response Time</td>
<td>&lt; 2 seconds</td>
<td>4 sec (quick mode), 10-15 sec. (Auxiliary/Rectal), 60 sec (direct mode)</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1°C</td>
<td>0.1°C</td>
</tr>
</tbody>
</table>

**Blood Pressure Specifications**

- **Range:**
  - Pressure: Diastolic: 20-200 mmHg (adult), 20-160 mmHg (pediatric).
  - Systolic: 40-260 mmHg (adult), 40-230 mmHg (pediatric)
  - Heart Rate: 30-220 BPM (beats per minute)

- **Accuracy (BP):**
  - Meets or exceeds ANSI/AAMI/ISO 81060-2:2013 standard for non-invasive accuracy (±5 mmHg mean error with 8 mmHg standard deviation).

**General Specifications**

- **Conditions for Use:**
  - Operating: 10°C (50°F) to 40°C (104°F) 15 – 90% RH non-condensing - 70 kPa - 106 kPa. Operating the monitor in an environment at maximum temperature can produce temperatures exceeding 41°C (41.6°C highest recorded) on a patient-applied part. It is up to the operator to determine if this temperature is too high based upon the condition of the patient and, if so, to ensure the ambient temperature of the environment is 38°C or below.

- **Storage:**
  - -20°C (-4°F) to 55°C (149°F) 15 – 90% RH non-condensing - 50 kPa - 106 kPa. Performance can be affected if used or stored outside the specified temperature, humidity, or altitude listed in the ranges above.

- **Power:**
  - Internal power supply. Input: 100-240 VAC @ 1.5A max, 50-60 Hz. Output +9VDC @ 5A IEC 320 type input connector.

- **Battery:**
  - Type: 7.2v, 6600mAh Internal Lithium-Ion battery
  - Run Time (full charge): ~20 hrs* / 200 BP cycles
  - Charge Time: ~6 hrs @ 23deg Celsius +/- 2deg
  - *Unit with BP, Temp, SpO₂, Wi-Fi, barcode scanner

- **Calibration:**
  - The accuracy of cuff-pressure transducers/indicators should be verified bi-annually.

- **Safety Systems:**
  - Independent hardware over-pressure circuit and redundant software overpressure algorithm to limit cuff pressure to less than 300 mmHg (+20/-10 mmHg). Independent hardware timing circuit and redundant software timer algorithm to limit the duration of a blood pressure cycle to less than 180 seconds.

- **Dimensions:**
  - Size (without thermometer option): 8” H x 6.75” W x 5.2” D or 215mm H x 190mm W x 140mm D

- **Standards:**

- **Classifications:**
  - Equipment Classification: Class IIa per MDD, Class I (Electrical Shock), Continuous mode of operation, CE

- **Ingress of liquid:**
  - Ingress Protection: IPX1: This device is protected against harmful effects of dripping water per IEC 60529.