The next generation neoBLUE blanket LED phototherapy system is designed to bring clinicians, caregivers and parents together, providing them the ability to offer newborns with jaundice the best start in life.

- **Meets AAP guidelines for intensive phototherapy,** providing sufficient intensity, spectrum of light and surface area coverage.1

- **Skin-to-skin contact, or kangaroo care,** continues during treatment, avoiding disruptions to phototherapy treatment, reducing newborn stress, aiding thermoregulation, assisting neurobehavioral development and promoting mother-child bonding.

- **The neoBLUE blanket avoids subjecting sensitive newborns** to the discomfort and distress of unwrapping and exposure to overhead blue light, helping to support their general well-being and development.

- **Breastfeeding – an AAP best practice** – and caregiving can continue during phototherapy, helping to promote better development and avoiding the challenges faced with feeding newborns with jaundice.
Ordering Information

<table>
<thead>
<tr>
<th>Item</th>
<th>Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>neoBLUE blanket LED Phototherapy System with large blanket</td>
<td>006244</td>
</tr>
<tr>
<td>neoBLUE blanket LED Phototherapy System with small blanket</td>
<td>006895</td>
</tr>
<tr>
<td>neoBLUE blanket, large pad kit</td>
<td>006245</td>
</tr>
<tr>
<td>neoBLUE blanket, small pad kit</td>
<td>006898</td>
</tr>
<tr>
<td>Mattress, large (Qty 2)</td>
<td>007281</td>
</tr>
<tr>
<td>Mattress, small (Qty 2)</td>
<td>007283</td>
</tr>
<tr>
<td>Disposable covers, large (Qty 50)</td>
<td>005989</td>
</tr>
<tr>
<td>Disposable covers, small (Qty 50)</td>
<td>006897</td>
</tr>
<tr>
<td>neoBLUE blanket Swaddle*- Newborn (fits large pad)</td>
<td>008424</td>
</tr>
<tr>
<td>neoBLUE blanket Swaddle*- Preemie (fits small pad)</td>
<td>008425</td>
</tr>
<tr>
<td>Pole-mounting hardware</td>
<td>006914</td>
</tr>
<tr>
<td>Carrying case</td>
<td>007293</td>
</tr>
</tbody>
</table>

Technical Specifications

**Light Source**  
Blue LED (single)

- **Wavelength**: Blue: Peak between 450 - 475 nm
- **Intensity**: Peak intensity at patient surface 35 ±5 µW/cm²/nm at factory setting (total irradiance 2800 µW/cm²).
- **Variation in intensity over 6 hrs**: < 10% (within effective treatment area)
- **Light emitting area (large blanket)**: Approximately 9.5 x 14.5 in, 114 in²
- **Light emitting area (small blanket)**: Approximately 6.75 x 12.75 in, 75.7 in²
- **Effective treatment area (large blanket)**: > 77.5 in²
- **Effective treatment area (small blanket)**: > 38.75 in²
- **Intensity ratio**: > 0.4 (minimum to maximum)
- **Heat output**: 104°F maximum surface temperature

**Electrical Specifications**

- **Input**
  - **Voltage**: 100 - 240 V~
  - **Current**: 1.6 A
  - **Frequency**: 50 - 60 Hz
  - **Power supply output** (Use only with Natus power supply)
    - **Voltage**: 12 V
    - **Power**: 72 W maximum
    - **Current**: 6.0 A

- **Safety**
  - **Total patient leakage current**: < 100 µA
  - **Audible noise**: ≤ 44 dB(a)
  - **Use around flammable gases**: This product is “non-AP/APG”
  - **Use around magnetic fields**: This product is “MR Unsafe”

- **Dimensions**
  - **Width x Length x Height (light box)**: 4.75 x 9.25 x 5.5 in
  - **Weight (light box)**: 3 lb

- **Environmental**
  - **Operating temperature/humidity**: Light box: 41° - 86°F/10%-90% non-condensing; Blanket: 41° - 100°F/10%-90% non-condensing
  - **Storage temperature/humidity**: 32° - 122°F/10%-90% non-condensing
  - **Shipping temperature/humidity**: -22° - 149°F/10%-90% non-condensing
  - **Operational altitude/atmospheric pressure**: 700 - 1060 hPa (approx. -1,000 - 10,000 ft)
  - **Storage altitude/pressure**: 700 - 1060 hPa (approx. -1,000 - 10,000 ft)
  - **Shipping altitude/pressure**: 570 - 1060 hPa (approx. -1,000 - 15,000 ft)

- **Safety Standards**
  - **Electrical safety**: IEC 60601-1, EN60601-1, CAN/CSA C22.2 No 60601-1
  - **EMC [Class B]**: IEC 60601-1-2
  - **Device specific safety**: IEC 60601-2-50
  - **Home healthcare**: IEC 60601-1-11
  - **Usability**: IEC 60601-1-6, IEC 62366
  - **Biocompatibility**: ISO10993

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