The Fingertip Pulse Oximeter (DB12) is used for spot-checking of functional arterial oxygen saturation. The user interface is quite intuitive, and the device is portable and easy to use. The display is clear and easy to read, and it provides both pulse rate and oxygen saturation information.

**Intended Use:**
Should the subject's measurement site experiences trauma or other medical conditions that could affect the accuracy of the measurement, the device may not provide reliable readings. It is not suitable for monitoring infants or patients with severe skin conditions.

**Manufacturers’ Declaration:**
This device complies with the requirements of the 2014/53/EU Electromagnetic Compatibility Directive and 2011/65/EU RoHS Directive. For more information, contact OxiCare at +1.305.984.9000.

**Trouble Shooting:**
In the event of a problem, please check the recommended solutions in Table 1 before referring to more advanced diagnosis.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Recommended Solutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>No signal</td>
<td>Ensure the patient's finger is properly placed.</td>
</tr>
<tr>
<td>Low signal</td>
<td>Reorient or relocate the monitor.</td>
</tr>
<tr>
<td>Poor signal</td>
<td>Reduce electromagnetic interference if possible.</td>
</tr>
<tr>
<td>No display</td>
<td>Check for power and battery levels.</td>
</tr>
<tr>
<td>Low battery level</td>
<td>Replace the battery.</td>
</tr>
</tbody>
</table>

**Specifications:**
- **Power Supply:** One AAA alkaline battery
- **Dimensions:** B4 (36.4 x 25.7 cm)
- **Weight:** 40 g
- **Environmental Conditions:**
  - Temperature: 14°C to 40°C
  - Humidity: ≤80% RH non-condensing

**Warranty:**
The Fingertip Pulse Oximeter (DB12) is guaranteed for a period of one year from the date of purchase. Any issue that is determined to be defective in accordance with this warranty will be repaired or replaced at the discretion of the manufacturer. This warranty excludes cost of delivery to and from TURNER MEDICAL INC. TURNER MEDICAL INC. reserves the right to determine whether a defect exists.

**Technical Specifications:**
- **Accuracy:** ±2% of reading for oxygen saturation measurement.
- **Battery Life:** Up to 10 hours with one AAA alkaline battery.
- **Operating Temperature:** 14°C to 40°C

**Cleaning and Maintenance:**
- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device.
- **Maintenance:** Keep the device away from extreme temperatures and humidity.

**Contact Information:**
For any inquiries, please contact OxiCare at +1.305.984.9000.

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**CHAPTER 1 Safety Information**

1.1 Usage

- **Precautions:**
  - Do not place the device in the presence of hazardous gases.
  - Do not use the device in the presence of flammable gas.
  - Do not use the device in an MRI environment.
  - The device must not be used in the presence of other electronic instruments.

1.2 Electrostatic Discharge (ESD)

- ESD protection devices are recommended for all external connections to the device.

1.3 Instructions for Use

- The device is designed for use by healthcare professionals.

1.4 After Use

- Carefully clean the device using a soft, dry cloth.

1.5 Disposal

- The device should be disposed of according to local regulations.

**CHAPTER 2 Introduction of Fingertip Pulse Oximeter (DB12)**

2.1 Internal Structure

- The Fingertip Pulse Oximeter (DB12) is composed of the main circuit board, display, power switch, and various sensors.

2.2 Intended Use

- The device is intended for use in clinical settings to monitor oxygen saturation and pulse rate.

2.3 Fingertip Pulse Oximeter (DB12) Operations

- **Power On:**
  - Turn on the device by pressing the power button.

- **Pulse Rate Display:**
  - The display will show the pulse rate in beats per minute (BPM).

- **Oxygen Saturation Display:**
  - The display will show the percentage of oxygen saturation.

**CHAPTER 3 Fingertip Pulse Oximeter (DB12) Pre-operational Procedures**

- **Battery Indicator:**
  - The battery indicator will display the current battery level.

- **Battery Replacement:**
  - Replace the battery when the indicator shows a low battery level.

**CHAPTER 4 Fingertip Pulse Oximeter (DB12) Operations**

**Chapter 5**

**CHAPTER 5 Trouble Shooting**

- **In the event of a problem, please check the recommended solutions in Table 1 before referring to more advanced diagnosis.**

**Chapter 7**

**CHAPTER 7 Fingertip Pulse Oximeter (DB12) Specifications**

- **Battery Life:** Up to 10 hours with one AAA alkaline battery.
- **Operating Temperature:** 14°C to 40°C

**CHAPTER 8**

**CHAPTER 8 Manufacturer’s Declaration**

The Fingertip Pulse Oximeter (DB12) is intended for use in the electromagnetic environment specified below. The device is not designed to be used in any other environment.

**CHAPTER 9**

**CHAPTER 9 System Performance Characteristics**

- **Performance Standards:**

**CHAPTER 10**

**CHAPTER 10 Customer Service Information**

- **Contact Information:**
  - For any inquiries, please contact OxiCare at +1.305.984.9000.

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**Table 1: Recommended Solutions**

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**Table 2: Required Separation Distances**

For transmitters rated at a maximum output power not listed above, the separation distances calculated from the value in the table above should be increased by the square root of the ratio of the maximum output power to the value in the table above. For example, if a transmitter has a maximum output power of 500 mW, the separation distance should be multiplied by 2.24 to account for the higher output power.