Thank you for selecting the Oregon Scientific Portable UV Monitor.

NOTE: Please keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

1. **INTRODUCTION**

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   **NOTE**: Please keep this manual handy as you use your new product. It contains practical step-by-step instructions, as well as technical specifications and warnings you should know.

2. **OVERVIEW**

   **FRONT VIEW**

   - 1. Sensor
   - 2. UV: measure UV level
   - 3. MODE / SET: toggle display modes, enter settings mode
   - 4. Strap loophole
   - 5. START / STOP / UP: start, stop and pause timers; adjust settings
   - 6. CLEAR / DOWN: stop timers; adjust settings

   **BACK VIEW**

   - 1. RESET
   - 2. Battery compartment

3. **_lcd display**

   **1. UV Index icon**
   **2. UV measurement icon**
   **3. Exposure alarm**
   **4. Low battery icon**
   **5. Exposure timer icon**
   **6. Clock / timer**
   **7. Temperature display**
   **8. Key lock icon**
   **9. Skin type / Sun Protection Factor icons**

4. **Getting Started**

   **TIMES**

   Wear on the wrist or attach using the strap as shown.

   - **BATTERIES**
     - The unit uses a CR2032 battery.
     - Insert the battery before first use, matching the polarity (+ and -).

   **ENTER SETTINGS**

   Upon first use, battery change, or reset the monitor automatically enters setting mode.

   **To enter settings**:
   1. Press UP and DOWN to select the desired setting, press and hold to quickly scroll through the setting values.
   2. Press MODE / SET to confirm.
   3. The settings order is: 12/24 hr format, hour, minute, day, month, year, time, UV index, UV level and temperature.

   Use the table below to help you determine your skin type.

<table>
<thead>
<tr>
<th>Skin Type Setting Options</th>
<th>Skin Colour in Unexposed Area</th>
<th>Eye Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Never tans; always burns</td>
<td>Pale or milky white; alabaster</td>
<td>Blue</td>
</tr>
<tr>
<td>2. Sometimes tans; usually burns</td>
<td>Very light brown, sometimes freckles</td>
<td>Blue</td>
</tr>
<tr>
<td>3. Usually tans, sometimes burns</td>
<td>Light tan, brown or olive; distinctly pigmented</td>
<td>Grey / Brown</td>
</tr>
<tr>
<td>4. Always tans, rarely burns</td>
<td>Brown, dark brown or black</td>
<td>Brown</td>
</tr>
</tbody>
</table>

   **SKIN TYPE**
   - **TANS / BURNS**
   - **UVI DISPLAY**
   - **LEVEL**
   - **UV INDEX**

<table>
<thead>
<tr>
<th>UV INDEX</th>
<th>LEVEL</th>
<th>UVI DISPLAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Low</td>
<td></td>
</tr>
<tr>
<td>3-5</td>
<td>Medium</td>
<td></td>
</tr>
<tr>
<td>6-7</td>
<td>High</td>
<td></td>
</tr>
<tr>
<td>8-10</td>
<td>Very high</td>
<td></td>
</tr>
<tr>
<td>11-25</td>
<td>Extremely high</td>
<td></td>
</tr>
<tr>
<td>25+</td>
<td>Over range</td>
<td></td>
</tr>
</tbody>
</table>

   **UV INDEX**
   - **LEVEL**
   - **UVI DISPLAY**

   **Display**

   **To measure UV**:
   1. Press UV. The sensor will measure continuously for 4 seconds. Rotate the unit by 360° while the sensor is reading to provide a more accurate measurement.
   2. Unless there is an exposure timer activated skin type and SPF will be displayed consecutively during this time.
   3. UV index, UV level and exposure timers will be automatically be updated.

   **NOTE**
   - If no timer is set the display will clear after 30 mins.

   **UV Exposure Timer**

   After taking a UV measurement in UV mode the monitor calculates a recommended maximum exposure time based on the skin type and SPF set by the user.

   **NOTE**
   - Please set your skin type before using the exposure timer. If you change the skin type or SPF, the exposure time will be adjusted automatically.
   - The monitor automatically measures the UV level every 10 mins when a timer is set. If the UV index has increased it will then adjust the timer to take account of the new levels.

   **IMPORTANT**
   - The calculated exposure time is a suggestion only.

   **UV Exposure Countdown Timer**

   To start a UV countdown:
   1. After UV exposure time has been calculated press START / STOP to start the timer.
   2. To pause the timer press START / STOP.
   3. Press START / STOP again to resume or press CLEAR to cancel the timer.
   4. When the timer has elapsed an alarm will sound.

   **To silence the alarm**:
   Press any button.

   **NOTE**
   - Press UV during a countdown to manually force a UV measurement. The timer will automatically adjust the exposure time.
   - After pausing and restarting the timer, press UV to ensure the timer remains accurate.

   **Manual Countdown Timer**

   To set countdown timer:
   - **In timer mode** press and hold MODE / SET.
   - **Use UP and DOWN** to select hour and minutes.
   - **Press MODE / SET** to confirm.

   **To start manual countdown timer**:
   1. Press MODE / SET to select timer mode.
   2. Press START / STOP to start the timer.
   3. To pause the timer press START / STOP.
   4. Press START / STOP again to resume or press CLEAR to cancel the timer.
   5. When the timer has elapsed an alarm will sound.
To silence the alarm:
Press any button.

**SETTINGS**

To change clock settings:
1. In clock mode, press and hold MODE / SET.
2. Use UP and DOWN to select the desired setting.
3. Press MODE / SET to confirm. The settings order is:
   - 12/24 hr format, hour, minute, °C/°F.

To change skin type / SPF settings:
1. In UV mode press and hold MODE / SET.
2. Use UP and DOWN to select the desired setting.
3. Press MODE / SET to confirm. The settings order is:
   - skin type / SPF.

**KEY LOCK**

To activate / de-activate key lock:
Press and hold START / STOP / UP, then press CLEAR / DOWN, indicates key lock is activated.

**PRECAUTIONS**

This unit is engineered to give you years of satisfactory service if you handle it carefully. Here are a few precautions:
- Do not immerse the unit in water.
- Use a soft, slightly moistened cloth to clean the unit.
- Do not use abrasive or corrosive cleaning agents, as these may cause damage.
- Do not subject the product to excessive force, shock, dust, temperature changes, humidity and direct sunlight for extended periods.
- Do not tamper with the internal components. Doing so will terminate the product warranty and may cause damage. The unit contains no user-serviceable parts.
- Remove the batteries when storing the product for a long time. Do not mix new and old batteries.
- Do not dispose this product as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.

**NOTE**

The technical specifications for this product and the contents of the user guide are subject to change without notice.

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>TYPE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit dimension</td>
<td>80 x 43 x 20mm (3.2 x 1.7 x 0.9 inches)</td>
</tr>
<tr>
<td>Unit weight</td>
<td>165g (2.7 oz) without battery</td>
</tr>
<tr>
<td>UV/I range</td>
<td>1-25</td>
</tr>
<tr>
<td>Clock time</td>
<td>12 or 24-hour format</td>
</tr>
<tr>
<td>Temperature unit</td>
<td>°C / °F</td>
</tr>
<tr>
<td>Alarm sound</td>
<td>2 minutes</td>
</tr>
<tr>
<td>Timer</td>
<td>1 min up to 39 hrs 59 mins</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>20°C to 60°C (-4°F to 140°F)</td>
</tr>
<tr>
<td>Water resistance</td>
<td>IPX2 / JS32</td>
</tr>
<tr>
<td>Power</td>
<td>1 x CR2032 battery</td>
</tr>
</tbody>
</table>

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For international inquiries, please visit: www2.oregonscientific.com/about/international.asp

**EU DECLARATION OF CONFORMITY**

Hereby, Oregon Scientific declares that this Portable UV Monitor (EB612) is in compliance with EMC directive 89/336/CE. A copy of the signed and dated Declaration of Conformity is available on request via our Oregon Scientific Customer Service.