


Dear User,  
 Thank you for purchasing the SPO PulseOx 5500 Finger Unit (the "PulseOx"). By purchasing this pulse oximeter, you have chosen a high quality device. SPO is convinced you will be fully satisfied with your new pulse oximeter. Please take a few moments to review the following instructions before using this PulseOx for the first time. If you still have questions, please contact your local dealer for assistance or SPO Medical at [support@spomedical.com](mailto:support@spomedical.com)

 Attention: see Instructions for Use

**Statement of Use:** Spot-check pulse oximetry

**Safety:**

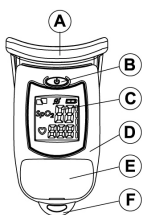
- Self-diagnosis of measured results and self-treatment are dangerous. Please follow your physician's instructions.
- Diseases that cause peripheral circulatory disturbance may cause incorrect readings (including, but not limited to diabetics, hyperlipidemia, hypertension and arterial sclerosis). Carboxyhemoglobin and/or dyes may cause erroneous readings.
- The PulseOx 5500 is not intended for use as an apnea monitor.
- Do not use cellular phones near the PulseOx – this may cause interference.
- The PulseOx 5500 is a precision electro-optical device that, with the exception of replacing the battery, has no user serviceable or adjustable components inside. The PulseOx must be serviced by trained SPO Medical personnel only.
- If the PulseOx is mechanically damaged or the LCD presentation is blurred, the device must not be used.
- If elastic thimble changes its color (gray or white) or is not elastic enough (the PulseOx falls from the finger) it is not recommended to use the unit.
- The PulseOx is not - water-proof. Water penetration invalidates the warranty.
- Please note that the PulseOx includes a battery that should be disposed of in accordance with local environmental regulations.
- The pulse rate indicator is not suitable for monitoring the frequency of cardiac pacemakers.
- The PulseOx should only be used on intact skin.
- The use of this PulseOx 5500 by patients with special needs should be supervised by his/her caregiver.

**System parts:**

- Measuring unit
- Carrying strap
- Storage case (Optional)
- User Instructions

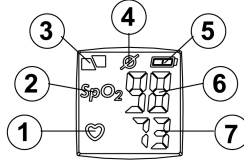
**Device components:**

- A. Silicone elastic thimble
- B. Backlight-illumination button
- C. Liquid crystal display (LCD)
- D. Plastic casing
- E. Battery cover
- F. Carrying strap anchor



**Liquid Crystal Display indicators and symbols:**

1. Pulsing heart indicator
2. SpO2 legend
3. Sensor "OFF" indicator
4. "Weak signal" indicator
5. "Battery status" indicator
6. Saturation rate (%)
7. Heart pulse rate (bpm)



**Please note before use:**

- All activity should be ceased prior to initiating measurements. e. g. eating, drinking, smoking, or exercising since these, among other activities, may affect the readings.
- The hand should be held relaxed and still during the measurement process.
- Inserting finger into the elastic thimble should be easy and comfortable, IF INSERTION IS TOO TIGHT OR DIFFICULT, USE A SMALLER FINGER. **Damage caused by force will void the warranty.**

**Using the PulseOx 5500:**

- Gently place the forefinger (as seen in the diagram) in the elastic thimble so that it feels comfortable, do not force; ensure that the display is facing upwards, i.e. on the nailed side of the finger.
- Hold the hand relaxed and still, The SPO legend will appear followed by a series of flashing dashes. The PulseOx 5500 will initiate readings within 6-8 seconds
- If you wish to illuminate the screen push the backlight button (# B in the diagram) on the face of the PulseOx 5500



**Turning off the unit:**

- To turn off the unit, remove your finger and the display will show "OFF".

**Backlight:**

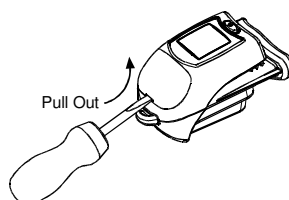
- A *quick touch* of the button on the face of the PulseOx 5500 will turn on the screen illumination.
- The screen illumination will automatically turn off after 10 seconds.

**Battery status:**

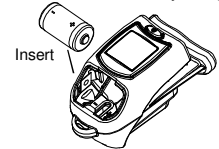
- The battery indicator displays the approximate power remaining in the battery.
- The display of a single battery bar indicates that the battery will soon need replacement.
- Battery requirements: 3.6V 1/2 AA Lithium (Tadiran is recommended)

**Battery replacement method:**

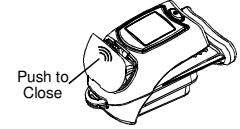
- Using a flat screw driver, remove the battery cover on the front of the unit, as shown in the figure.



- Carefully remove the old battery and discard according to local environmental regulations.
- Install a new battery. Please ensure that the battery polarization (+/-) is in accordance with the symbols inside the battery compartment.



- Replace the battery cover as shown in the figure.

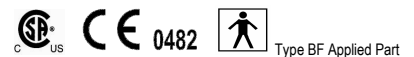



**PulseOx cleaning instructions:**

- Wipe exposed surfaces with a soft cloth or a pad moistened with a mild detergent solution or isopropyl alcohol solution (70%).
- Clean your PulseOx whenever you see any kind of soil, dirt or obstruction in the unit.
- Clean the inside of the elastic thimble and the two optical elements inside with a cotton swab or equivalent moistened with a mild detergent solution or isopropyl alcohol solution (70%).
- Ensure that no dirt or blood is on the optical components inside the elastic thimble.

**Product specifications:**

Effective measuring range	
Saturation	40 to 99%
Heart pulse rate	40 to 250 bpm
Resolution	1 digit
Accuracy (incl. minor motion and low profusion)	
Saturation (70%-99%)	± 2% or ± 2 digits
Heart pulse rate	± 3% or ± 3 digits
Display	
Saturation	2 characters
Heart pulse rate	3 characters
Signal indications:	Sensor 'OFF' and 'Weak Signal'
	Flashing heart icon
Battery indication	Full power, 1/3 and near empty
Power requirements	3.6V Lithium battery, 1/2 AA size
Battery continuous life	1,000 Hrs or 40 days of continuous usage
Mechanical	
Overall dimensions	2.91" x 1.57" x 1.61" (74 x 40 x 41 mm)
Storage temperatures	-4° to 158° F (-20 °C to 70 °C)
Operating temperatures	39° to 107° F (4 °C to 41.7 °C)
Weight	1.8 oz. (50 g). incl. battery



 Spot measurements. No alarms  
 Rx only

**Manufactured by:**

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