Pulse Oximeter
Directions for Use

Intended Use

This oximeter is intended to be used with Baby Monitor, and it is an additional or optional accessory to measure the functional arterial oxygen saturation (SpO_2) and pulse rate (PR) for infant or baby in the way of non-invasive and long term monitoring.

Contraindications

This oximeter including its sensor is contraindicated for use on the baby with excessive movement or for prolonged use at the same measuring site.

Instructions for Connection

1) Insert the sensor tips into the slots on the probe holders. Place the sensor tip labeled "LED" into the stationary probe holder on the silicone wrap belt, and place the sensor tip labeled "PD" into the sliding probe holder, as illustrated in Figure 1 and Figure 2.

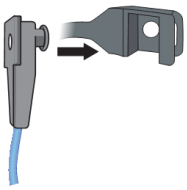

Figure 1 Probe tip and holder

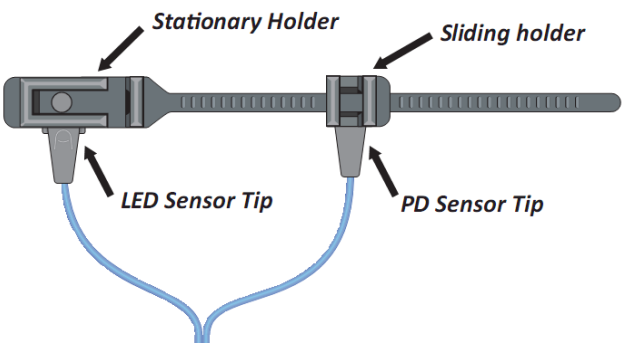

Figure 2 Y-type SpO_2 Sensor with Rubber Wrap

NOTE: Make sure that the silicone button seat fully into the hole in the back of the probe holder.

2) Bind the oximeter on the leg near ankle with its belts and position the front panel to a proper place for convenient operation, as shown in Figure 4.
3) Wrap up the Y-type sensor onto the baby's sole by the rubber wrapper, as illustrated in Figure 3. Make sure the alignment of the light-emitting tip (LED) and the photo-detecting tip (PD) for aiming at each other, then thread the end of wrap belt through the outside slots on the probe holders and tighten the rubber belt with proper force. The final placement is shown in Figure 4.

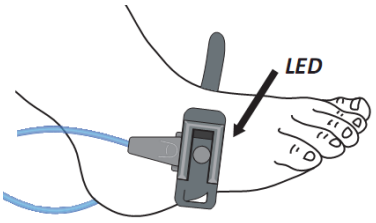

Figure 3 Sensor wrapping up

Figure 4 Placement of the Oximeter and the Sensor

NOTE: The sensor connection is critical for the signal strength and quality. Try to make LED and PD facing each other in opposite side, so that the light beam is as vertically transmitted as possible and the light path is as short as possible.

Instructions for Operation

After all connection completed, press the Power Button (▭) for 3 seconds to power on the oximeter, referring to Figure 5. When the oximeter is powered up, the Power Indicator (yellow lamp ●) will light constantly. If the heart beat is detected, the Heartbeat Indicator (red lamp♥) flashes according with the heart rate. At the same time the oximeter sends the measured data (SpO_2 and PR) to Baby Monitor in a given time interval via wireless communication, and the SpO_2 and PR value will be displayed on the terminal side of Baby Monitor.

Figure 5 Appearance of the Pulse Oximeter

NOTE: ①The oximeter has not automatic power-off function. Press the Power Button for 3 seconds to turn it off after the end of use each time.②If the Power Indicator flashes, that means the battery voltage is low for the oximeter, please replace the batteries.

□

Cleaning and Disinfection

It is recommended to clean the oximeter including its sensor with 75% Alcohol wipes or 70% Ispropanol (Isopropyl) before use.

Caution:①Do not sterilize by irradiation, steam, or ethylene oxide. ②Make sure the sensor is dry and clean before use.

Warranty

Our company offers a 12-month warranty against manufacturing defects for this product in its undamaged condition.

FCC Caution.

§15.19 Labelling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

§15.21 Information to user.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

§15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

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However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

*** RF warning for Portable device:**

The device has been evaluated to meet general RF exposure requirement. The device can be u sed in portable

exposure condition without restriction.