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> CHOICEMMED OLED Panda Pediatric Pulse Oximeter Fingertip User Manual MD300C55

CHOICEMMED MD300C55

CHOICEMMED OLED Panda Pediatric Pulse Oximeter Fingertip User Manual

Brand: CHOICEMMED | Model: MD300C55

1. INTRODUCTION AND OVERVIEW

The CHOICEMMED OLED Panda Pediatric Pulse Oximeter Fingertip is designed for easy and efficient monitoring of blood oxygen saturation (SpO₂) and pulse rate (PR) in children. Its user-friendly one-button operation and clear OLED display make it convenient for quick readings.

NOTE: This device is for Sports and Aviation use only and is not intended for medical use. Consult a medical professional for any health concerns.

2. PACKAGE CONTENTS

Upon opening the package, please ensure all the following items are present:

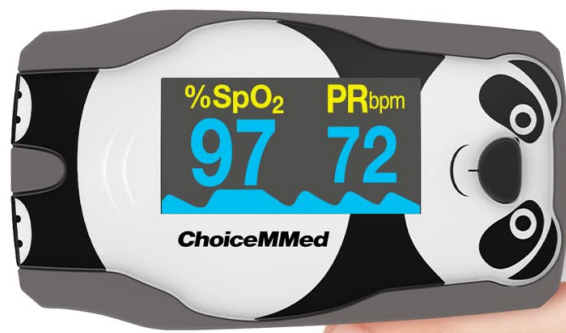
- Pediatric Pulse Oximeter (Panda design)
- Silicone Cover
- Carrying Pouch
- 2x AAA Alkaline Batteries
- Instruction Manual



Image: The package contents, including the panda oximeter, a blue carrying pouch, two AAA batteries, and the user manual.

3. PRODUCT FEATURES

- **Child-Friendly Design:** Features an appealing panda design to make the experience less intimidating for children.
- **One-Button Operation:** Simple and efficient to use.
- **Real-time Display:** Provides immediate readings of SpO2, Pulse Rate (PR), and a Pulse Bar Graph.
- **Multi-Directional OLED Screen:** Offers 4 directions and 6 display modes for easy viewing from various angles.
- **Adjustable Brightness:** 10 levels of adjustable brightness for optimal visibility.
- **Battery-Low Indicator:** Alerts when batteries need replacement.
- **Automatic Shut-Off:** Device powers off automatically after 8 seconds of inactivity to conserve battery life.

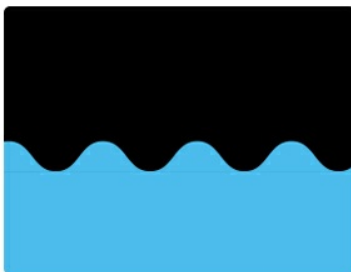


OLED DISPLAY

- 👤 Large Bright Digital Numbers
- 👤 Accurate Pulse Rate &
- 👤 Oxygen Saturation Readings
- 👤 Adjustable Brightness
- 👤 Battery Indicator
- 👤 4 Directional Display

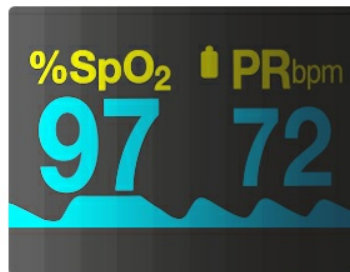
Image: The panda pulse oximeter showing its multi-directional display capability with various orientations of the screen.

Product features



Plethysmograph

Visual Representation of your heartbeat. It can measure the change in the volume of arterial blood with each pulse beat



Adjustable OLED Brightness

Holding the power switch for longer than one second to adjust the brightness levels of the OLED screen. The default is level four.



Multi-Directional Display

Each time you press the power button, the display can be switched to different layout options for your convenience. There are 6 displays.

Image: A visual representation of the oximeter's OLED display, highlighting the plethysmograph waveform, adjustable

brightness, and multi-directional display options.

4. SETUP

4.1 Battery Installation

1. Open the battery compartment cover located on the back of the device.
2. Insert the two AAA alkaline batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.



Image: A close-up view of the oximeter's battery compartment, illustrating the correct insertion of AAA batteries.

5. OPERATING INSTRUCTIONS

1. Open the oximeter by pressing the bottom part.
2. Place your child's finger into the rubber opening of the oximeter. Ensure the finger is fully inserted and resting flat.
3. Press the power button (the panda's nose) once to turn on the device.
4. Keep the finger still while the device takes a reading. Results for SpO2, PR, and the pulse bar graph will appear on the screen.
5. To change the display mode, briefly press the power button while the device is on. There are 6

display modes available.

6. To adjust screen brightness, press and hold the power button for more than one second.
7. The device will automatically shut off after 8 seconds if no finger is detected.



Image: A step-by-step guide demonstrating the quick measurement process of the oximeter, from opening the device to obtaining results.

Video: An official product video from Mibest demonstrating the use of the C55 Pediatric Pulse Oximeter, showing how to place a finger and read the SpO₂ and pulse rate measurements.

6. DISPLAY MODES AND READINGS

The OLED display provides clear and easy-to-read information:

- **SpO₂ (%)**: Blood Oxygen Saturation level.
- **PR (bpm)**: Pulse Rate in beats per minute.
- **Plethysmograph**: A waveform indicating pulse signal strength. A stable, consistent waveform indicates a good reading.
- **Battery Indicator**: Shows remaining battery life.



Image: The panda pulse oximeter's display with key indicators labeled, including the power button, oxygen saturation, plethysmography, battery indicator, and pulse rate.

7. MAINTENANCE AND CARE

- **Cleaning:** Wipe the device with a soft cloth dampened with alcohol or a mild disinfectant. Do not immerse the device in liquid.
- **Storage:** Store the oximeter in its carrying pouch in a cool, dry place when not in use. Remove batteries if storing for extended periods.
- **Avoid Damage:** Do not drop the device or expose it to extreme temperatures or humidity.

8. TROUBLESHOOTING

- **Inaccurate Reading:** Cold hands, poor circulation, movement, fingernail polish, or acrylic nails can affect accuracy. Ensure the finger is warm, still, and free of polish.
- **SpO2 Not Changing / Stuck:** SpO2 readings typically change slower than pulse rate. If the signal is unstable, the screen may display "?". Keep the hand still and retry.
- **No Battery Indicator:** The battery indicator only appears when the battery level is low.
- **Pulse Rate Changing Rapidly:** Heart rate can fluctuate with emotions, excitement, and exercise.
- **Battery Compartment Springs:** Ensure the plus/minus signs engraved on the battery casing match

the direction of the springs when inserting batteries.

9. SPECIFICATIONS

Brand	CHOICEMMED
Model Name	MD300C55
Color	Grey/White (Panda Design)
Measurement Accuracy	+/-2%
Measuring Range (SpO2)	0% - 100% SpO2
Measuring Range (PR)	30-250 bpm
Number of Batteries	2 AAA batteries (included)
Battery Life	Approximately 40 Hours
Item Dimensions (L x W x H)	1.15"L x 1.15"W x 2"H
Item Weight	1.6 Ounces



Image: The panda pulse oximeter shown with its compact dimensions, highlighting its portability.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided in the packaging or visit the official CHOICEMMED website. Keep your purchase receipt for warranty claims.