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Nachukan B0CD1ZD1GS

Portable Infrared Vein Finder User Manual

Brand: Nachukan | **Model:** B0CD1ZD1GS

1. INTRODUCTION AND PRODUCT OVERVIEW

The Nachukan Portable Infrared Vein Finder is a compact and efficient device designed to assist in locating veins for various medical and personal applications. It utilizes high-power red LED lights to make veins more visible through the skin, enhancing the accuracy and ease of IV access or other procedures requiring vein identification.

Key Features:

- **High Power Red LED:** Equipped with nine circular red LED lights that facilitate quick and easy vein identification. The specific frequency of red light is absorbed by blood, making veins more visible through the skin.
- **Easy to Find Vein:** Simplifies the process of locating veins by making them appear as shadows or dark lines on the skin.
- **Easy to Carry:** Slim and compact design ensures convenient portability for use at home or in various settings.
- **Wide Application:** Suitable for use in pediatrics, oncology, radiology, emergency departments, geriatric care, laboratories, surgeries, outpatient clinics, plastic surgery, and vascular procedures.
- **Applicable People:** Especially beneficial for individuals with challenging vein access, such as babies, children, obesity patients, or those with dark or hairy skin.



Figure 1.1: The Nachukan Portable Infrared Vein Finder, a compact black flashlight-style device with a wrist strap, designed for vein visualization.

2. SETUP

2.1 Battery Installation

The Vein Finder requires 3 AAA batteries (not included). Follow these steps to install the batteries:

1. Unscrew the tail cap of the Vein Finder by turning it counter-clockwise.
2. Insert the 3 AAA batteries into the battery holder, ensuring correct polarity (+ and - ends).
3. Place the battery holder with the installed batteries into the body of the Vein Finder.
4. Screw the tail cap back on by turning it clockwise until it is securely tightened.



Figure 2.1: Components of the Vein Finder, showing the main body, tail cap, and the battery holder for 3 AAA batteries.

3. OPERATING INSTRUCTIONS

To effectively use the Portable Infrared Vein Finder, follow these instructions:

1. Ensure batteries are correctly installed.
2. Turn on the device by pressing the button on the tail cap. The red LED lights will illuminate.
3. Gently press the skin with your hand in the area where you wish to locate a vein.
4. Slowly move the Vein Finder from side to side over the skin.
5. Observe the skin through the red light. Veins will appear as shadows or dark lines, becoming visible on the periphery of the emitted red light.
6. Once the vein is located, you can proceed with the intended procedure.
7. Turn off the device after use to conserve battery life.



Figure 3.1: The Vein Finder being used on a wrist, demonstrating how the red light illuminates the skin to reveal underlying veins.



Figure 3.2: Examples of the Vein Finder's application on different areas of the body, including the face, arm, and leg, highlighting its versatility.

4. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your Vein Finder.

- **Cleaning:** Wipe the device with a soft, dry cloth. For stubborn marks, a slightly damp cloth can be used, followed by immediate drying. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the Vein Finder in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** If the device will not be used for an extended period, remove the batteries to prevent leakage and potential damage to the device.

5. TROUBLESHOOTING

If you encounter issues with your Vein Finder, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Device does not turn on.	Batteries are dead or low. Batteries are inserted incorrectly. Tail cap is not fully tightened.	Replace with new AAA batteries. Check battery polarity and reinsert correctly. Ensure the tail cap is securely tightened.
Light is dim.	Batteries are low.	Replace with new AAA batteries.

6. SPECIFICATIONS

Feature	Detail
Item Type	Vein Finder Viewer
Material	Aluminium Alloy
Weight	Approx. 56g / 1.98oz (without batteries)
Size	95mm x 28mm / 3.74in x 1.10in
Battery	3 x AAA (not included)
Light Source	Red Light LED
Use	Vein Finding, Red Light Physiotherapy
Package List	1 x Vein Finder Viewer



Size: 95mm/3.74in 28mm/1.10in

Figure 6.1: The Vein Finder illustrating its compact dimensions of 95mm (3.74in) in length and 28mm (1.10in) in diameter.

7. SAFETY INFORMATION

Please read and understand all safety information before using the Vein Finder.

- Do not look directly into the red LED light. Prolonged direct exposure may cause eye strain or discomfort.
- Keep the device out of reach of children.
- Do not attempt to disassemble or modify the device beyond battery installation. This may void the warranty and pose a safety risk.
- Use only the specified type and number of batteries (3 x AAA).
- Dispose of used batteries according to local regulations.
- This device is intended for vein visualization and red light physiotherapy. Consult a healthcare professional for medical advice or diagnosis.

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer, Nachukan, or your point of purchase. Please have your product model number (B0CD1ZD1GS) and purchase details ready when contacting support.

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