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FITHOOD CS-WB300MD

FITHOOD Replacement Battery User Manual

Model: CS-WB300MD

1. Introduction

Thank you for choosing the FITHOOD Replacement Battery. This high-quality Ni-MH battery is designed to provide reliable power for compatible Welch-Allyn medical devices, including MRL PIC30, MRL PIC40, MRL PIC50, PIC30, PIC40, and PIC50. It is a direct replacement for original battery part numbers 001647-U and 10N-4000AA. This manual provides essential information for safe and effective use of your new battery.
All FITHOOD batteries are certified with ISO9001, RoHS, CE, UN38.3, and MSDS standards, ensuring safety and quality.

2. Safety Information

WARNING: Read all instructions before using the battery to reduce the risk of fire or burns.

- **New battery packs must be fully charged before initial use.**
- Do not attempt to disassemble, open, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not store above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Dispose of used batteries according to local regulations.



Image: Bottom view of the FITHOOD replacement battery, showing various safety symbols indicating precautions such as not disposing of in trash, not incinerating, and not disassembling. A QR code is also visible.

3. Setup and Installation

Before installing the new battery, ensure your device is powered off and disconnected from any power source. Always handle the battery with care.

1. **Verify Compatibility:** Carefully confirm that the battery model CS-WB300MD and part numbers (001647-U, 10N-4000AA) match your device's requirements. Refer to your device's original manual for battery replacement instructions.
2. **Remove Old Battery:** Follow your device's instructions to safely remove the existing battery.
3. **Insert New Battery:** Align the new FITHOOD battery with the battery compartment of your Welch-Allyn medical device. Gently push it into place until it is securely seated.
4. **Secure Compartment:** Close and secure the battery compartment cover according to your device's design.
5. **Initial Charge:** It is crucial to fully charge the new battery before its first use.



Image: Top view of the FITHOOD replacement battery, displaying the model number (CS-WB300MD), part numbers (001647-U, 10N-4000AA), rating (12.0VDC, 3700mAh, 44.4Wh), and a warning label.

4. Operating Instructions

Once installed and fully charged, the FITHOOD replacement battery operates similarly to the original battery in your Welch-Allyn medical device.

- **Charging:** Use the original charger provided with your Welch-Allyn device. Ensure the battery is fully charged before each significant use, especially after long periods of storage.
- **Discharging:** The battery will power your device as needed. Monitor your device's battery indicator to determine remaining charge.
- **Optimal Performance:** For best performance, avoid completely draining the battery frequently.



Image: An angled view of the FITHOOD replacement battery, showcasing its rectangular shape and the label on the top surface.

5. Maintenance and Storage

Proper maintenance extends the life of your battery and ensures safe operation.

- **Regular Charging:** Recharge the battery regularly, even if not in constant use, to prevent deep discharge.
- **Storage:** If storing the battery for an extended period, store it in a cool, dry place, ideally at a partial charge (around 50%). Avoid extreme temperatures (above 60°C / 140°F).
- **Cleaning:** Keep the battery contacts clean and free of dust or debris. Use a dry, soft cloth for cleaning.
- **Avoid Physical Damage:** Do not drop, crush, or expose the battery to severe impacts.



Image: A side view of the FITHOOD replacement battery, illustrating its thickness and the metallic connection points on one end.

6. Troubleshooting

If you encounter issues with your FITHOOD replacement battery, consider the following common solutions:

- **Battery Not Charging:**
  - Ensure the charger is properly connected to both the device/battery and the power outlet.
  - Verify that the charger is functioning correctly.
  - Check for any visible damage to the battery or charging port.
- **Short Battery Life:**
  - Ensure the battery is fully charged before use.
  - Review your device's power consumption settings.
  - If the battery is old, its capacity may naturally degrade over time.
- **Device Not Powering On:**
  - Confirm the battery is securely installed and fully charged.
  - Check if the device itself has any issues independent of the battery.

If problems persist, please refer to the Support section for further assistance.

7. Specifications

Attribute	Value
Brand	FITHOOD
Model Number	CS-WB300MD
Compatible Part Numbers	001647-U, 10N-4000AA
Battery Type	Ni-MH (Nickel-Metal Hydride)

Attribute	Value
Capacity	3700mAh
Watt-Hours (Wh)	44.4Wh
Voltage	12.0V
Dimensions (L x W x H)	195.1 x 81.4 x 28.5mm (approx. 7.68 x 3.2 x 1.12 inches)
Weight	750.0g (approx. 1.65 pounds)
Recommended Use	Medical Equipment

8. Warranty Information

Specific warranty details for this FITHOOD replacement battery are typically provided by the seller at the time of purchase. Please refer to your purchase documentation or contact the seller directly for information regarding warranty coverage, duration, and claims procedures.

9. Support

For any questions, concerns, or technical assistance regarding your FITHOOD replacement battery, please contact the seller or manufacturer. When contacting support, please provide your battery details or pictures to facilitate a quicker resolution.
If you are unsure about compatibility, please send an email to the seller with your device model and original battery details or pictures for professional suggestions.

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