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## Technical Precision 72200

# Technical Precision Replacement Battery for Welch Allyn 72200

INSTRUCTION MANUAL

## 1. Introduction

This manual provides essential information for the safe and effective use of your Technical Precision Replacement Battery for Welch Allyn 72200. Please read these instructions carefully before installation and operation to ensure optimal performance and safety.

## 2. Safety Information

- **Battery Disposal:** Rechargeable batteries must be recycled or disposed of properly. Do not dispose of in household waste.
- **Charging:** Use only chargers compatible with Nickel-Cadmium (NiCAD) batteries. Overcharging or using incompatible chargers can damage the battery and pose a safety risk.
- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid short-circuiting the battery terminals. Do not puncture, disassemble, or modify the battery.
- **Children:** Keep batteries out of reach of children.

## 3. Installation

Follow these steps to install the replacement battery into your Welch Allyn device. Refer to the images and video for visual guidance.

1. **Prepare the Device:** Ensure your Welch Allyn device is turned off and disconnected from any power source.
2. **Remove Old Battery:** Carefully unscrew or open the battery compartment of your device. Remove the old battery.
3. **Insert New Battery:** Insert the Technical Precision Replacement Battery, ensuring the positive (+) and negative (-) terminals align correctly with the device's contacts.
4. **Secure Compartment:** Close and secure the battery compartment.
5. **Initial Charge:** It is recommended to fully charge the new battery before its first use.



Figure 1: Technical Precision Replacement Battery for Welch Allyn 72200.



Figure 2: Side view of the replacement battery, showing its cylindrical shape.



Figure 3: Top view of the replacement battery, highlighting the positive terminal.

### Installation Video Guide

Video 1: This video demonstrates the process of replacing a battery in an otoscope, similar to the Welch Allyn 72200. It shows how to open the device, remove the old battery, and insert the new one, ensuring proper fit and function.

Video 2: This video provides an overview of a replacement battery equivalent to the Welch Allyn 72200, showcasing its features and compatibility. It highlights the battery's design and how it integrates with medical devices.

Video 3: This video details the specifications of a replacement battery for Welch Allyn 72300, including its rechargeable nature, voltage (3.5V), and capacity (800mAh). It also mentions the Nickel-Cadmium chemistry.

## 4. Operating Instructions

Once the battery is installed and fully charged, your device should operate as intended. The battery itself does not require specific operational steps beyond proper charging and discharge cycles.

- **Charging:** Connect your Welch Allyn device to its compatible charger. The battery is rechargeable, and a full charge is recommended for optimal performance.
- **Discharge:** For best battery life, allow the battery to fully discharge periodically before recharging, especially for Nickel-Cadmium batteries, to mitigate memory effect.

## 5. Maintenance

Proper maintenance ensures the longevity and reliability of your replacement battery.

- **Cleaning:** Keep battery contacts clean and free from debris. Use a dry cloth to wipe them if necessary.
- **Storage:** If the device will not be used for an extended period, remove the battery and store it in a cool, dry place. A partial charge (around 40-50%) is ideal for long-term storage of NiCAD batteries.
- **Temperature:** Avoid exposing the battery to extreme temperatures, both hot and cold, as this can degrade performance and shorten its lifespan.

## 6. Troubleshooting

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

Problem	Possible Cause	Solution
Device not powering on	Battery not installed correctly, battery discharged, faulty battery.	Check battery orientation. Charge the battery fully. If issues persist, contact support.
Battery not charging	Charger issue, battery contacts dirty, battery fault.	Ensure charger is working. Clean battery and device contacts. If still not charging, the battery may be faulty (refer to warranty).
Short operating time after full charge	Battery degradation, memory effect (for NiCAD).	Perform a full discharge/recharge cycle. If performance does not improve, the battery may need replacement.

## 7. Specifications

- **Brand:** Technical Precision
- **Model Number:** 72200-AZ-80AS-4
- **Voltage:** 3 Volts
- **Reusability:** Rechargeable
- **Item Weight:** 0.317 ounces
- **Package Dimensions:** 3.25 x 1 x 1 inches
- **Recommended Uses:** Camera, Gaming Controller (*Note: Product is a replacement for Welch Allyn 72200, typically used in medical devices.*)

## 8. Warranty Information

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This Technical Precision Replacement Battery for Welch Allyn 72200 may come with a **2-year warranty**. Please refer to your purchase documentation or contact Technical Precision customer support for specific warranty terms and conditions.

## 9. Support

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For any questions, technical assistance, or support regarding your Technical Precision Replacement Battery, please contact our customer support team. We offer **USA Customer Support 365 Days a Year**.

### Contact Information:

Visit the [Technical Precision Store on Amazon](#) for more information and contact options.

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