

## Technical Precision 71050-C Rechargeable Battery

# Technical Precision Replacement for Welch Allyn 71050-C Rechargeable Battery User Manual

Model: 71050-C Rechargeable Battery | Brand: Technical Precision

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of your Technical Precision Replacement for Welch Allyn 71050-C Rechargeable Battery. Please read this manual thoroughly before installation and operation.

### 1.1 Product Overview

The Technical Precision 71050-C Rechargeable Battery is designed as a direct replacement for the original Welch Allyn 71050-C battery, ensuring compatibility and reliable performance for your medical devices. This battery provides the necessary power for portable Welch Allyn equipment.



*Figure 1: Technical Precision Replacement Welch Allyn 71050-C Rechargeable Battery. This image shows the cylindrical battery with a light gray casing and a metallic positive terminal.*

## 1.2 What's in the Box

- 1 x Technical Precision Replacement for Welch Allyn 71050-C Rechargeable Battery

## 2. SAFETY INFORMATION

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Please observe the following safety precautions to prevent damage to the battery, device, or personal injury:

- **Do not** short-circuit the battery terminals.
- **Do not** expose the battery to extreme temperatures (above 60°C / 140°F or below -20°C / -4°F).
- **Do not** disassemble, puncture, or modify the battery.
- **Do not** immerse the battery in water or other liquids.
- Keep the battery out of reach of children and pets.
- Use only chargers specifically designed for rechargeable batteries of this type.
- Dispose of used batteries according to local regulations. Do not dispose of in household waste.
- If the battery shows signs of damage, leakage, or overheating, discontinue use immediately.

### 3. SETUP AND INSTALLATION

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Follow these steps to properly install your new replacement battery:

1. **Power Off Device:** Ensure the Welch Allyn device is completely powered off and disconnected from any external power source before attempting battery replacement.
2. **Locate Battery Compartment:** Refer to your Welch Allyn device's original manual to locate and open the battery compartment.
3. **Remove Old Battery:** Carefully remove the old battery from the compartment. Note its orientation.
4. **Insert New Battery:** Insert the Technical Precision replacement battery into the compartment, ensuring the positive (+) and negative (-) terminals align correctly with the device's contacts. Do not force the battery into place.



*Figure 2: Angled view of the battery, showing the positive and negative terminals. This view helps in identifying the correct orientation for installation.*

5. **Close Compartment:** Securely close the battery compartment.
6. **Initial Charge:** For optimal performance, fully charge the new battery before its first use. Connect your Welch Allyn device to its appropriate charger.

### 4. OPERATING INSTRUCTIONS

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## 4.1 Charging the Battery

The battery charges when the Welch Allyn device is connected to its dedicated charger. Ensure the charger is plugged into a working power outlet. The charging indicator on your device (if available) will typically show the charging status.

- Allow the battery to charge completely before disconnecting the device from the charger.
- Avoid interrupting the charging cycle frequently.
- Do not leave the battery on charge indefinitely if your device or charger does not have overcharge protection.

## 4.2 Usage

Once fully charged, the battery will power your Welch Allyn device. The operating time will vary depending on the device model, its power consumption, and the intensity of use. Monitor your device's battery indicator to determine when recharging is necessary.

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## 5. MAINTENANCE

### 5.1 Cleaning

Wipe the battery and its terminals with a clean, dry cloth if necessary. Do not use liquid cleaners or solvents.

### 5.2 Storage

If the battery will not be used for an extended period, store it in a cool, dry place, ideally at room temperature (20-25°C / 68-77°F). It is recommended to store rechargeable batteries with a partial charge (around 50%) to prolong their lifespan. Avoid storing fully charged or completely depleted batteries for long periods.

### 5.3 Disposal

This rechargeable battery contains materials that should not be disposed of with regular household waste. Please recycle the battery at an authorized recycling center or return it to the point of purchase for proper disposal. Consult your local waste management authority for specific recycling instructions.

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## 6. TROUBLESHOOTING

- **Battery not charging:**
  - Ensure the charger is properly connected to both the device and a working power outlet.
  - Check the battery terminals for any dirt or corrosion and clean if necessary.
  - Verify that the charger itself is functioning correctly.
- **Short operating time after full charge:**
  - Ensure the battery has been fully charged.
  - Battery capacity naturally degrades over time with repeated charge/discharge cycles. If the battery is old, it may need replacement.
  - Confirm that the device itself is not drawing excessive power due to a malfunction.
- **Device not powering on with new battery:**
  - Double-check that the battery is inserted with the correct polarity (+/-).
  - Ensure the battery compartment is securely closed.

- Verify the battery has an initial charge.

## 7. SPECIFICATIONS

Feature	Detail
Brand	Technical Precision
Model Number	71050-C RECHARGEABLE BATTERY-AZ-5XKR-2
Replacement For	Welch Allyn 71050-C Rechargeable Battery
Battery Type	Rechargeable Battery (Specific chemistry not provided, typically NiMH or Li-ion for rechargeable batteries)
Voltage	3 Volts
Unit Count	1.0 Count
Manufacturer	Technical Precision
ASIN	B01MAXVTTR
Date First Available	October 17, 2016
Recommended Uses	Welch Allyn Medical Devices (also listed as Camera, Gaming Controller in some specifications)

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Technical Precision Replacement Battery, please contact Technical Precision directly. Refer to the packaging or the official Technical Precision website for the most current contact details.

*Note: Specific warranty terms may vary and are subject to the manufacturer's policy at the time of purchase.*