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### Welch Allyn 71000-A

# Welch Allyn 71000-A 3.5V Rechargeable Power Handle Instruction Manual

Model: 71000-A

## INTRODUCTION

The Welch Allyn 71000-A is a 3.5V rechargeable power handle designed to provide portable power for compatible Welch Allyn diagnostic instrument heads. This manual provides essential information for the safe and effective use, setup, and maintenance of your power handle.



An image showing the Welch Allyn 71000-A 3.5V Rechargeable Power Handle. It features a silver, textured grip and a chrome top section with a connection point for diagnostic instrument heads.

## SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Failure to follow these instructions may result in injury or damage to the product.

- Use this power handle only with Welch Allyn 3.5V diagnostic instrument heads.
- Do not immerse the handle in water or other liquids.
- Keep the device away from excessive heat or direct sunlight.
- Use only the specified Nickel-Cadmium battery and IEC Plug Type-A charger provided or approved by Welch Allyn.
- Dispose of batteries according to local regulations. Do not incinerate batteries.
- Do not attempt to open or repair the handle or battery pack. Refer servicing to qualified personnel.

## PACKAGE CONTENTS

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Verify that all items are present in the package:

- Welch Allyn 71000-A 3.5V Rechargeable Power Handle
- Nickel-Cadmium Battery (may be pre-installed)
- IEC Plug Type-A Charger

## SETUP

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### 1. Charging the Handle

1. Connect the IEC Plug Type-A charger to a standard electrical outlet.
2. Insert the charger's plug into the charging port located at the bottom of the power handle.
3. Allow the handle to charge for approximately 10-12 hours for the initial charge. Subsequent charges typically require 2-3 hours.
4. A charging indicator light (if present) will illuminate during charging and may change color or turn off when fully charged. Refer to the specific charger's instructions for indicator behavior.

### 2. Attaching Instrument Heads

1. Ensure the power handle is turned off.
2. Align the base of the Welch Allyn 3.5V instrument head with the connector on the top of the power handle.
3. Gently push the instrument head onto the handle and twist clockwise until it clicks securely into place.
4. To remove, twist counter-clockwise and pull the instrument head off.

## OPERATING

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### Powering On and Adjusting Brightness

1. With an instrument head securely attached, locate the rheostat control (rotary switch) on the handle.
2. Rotate the rheostat control clockwise to turn on the light and increase its brightness.
3. Rotate the rheostat control counter-clockwise to decrease brightness and turn off the light.

## MAINTENANCE

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### Cleaning

- Wipe the exterior of the handle with a soft, damp cloth.
- For disinfection, use a medical-grade disinfectant wipe or solution as recommended by Welch Allyn. Avoid harsh chemicals or abrasive cleaners.
- Ensure the handle is completely dry before storage or next use.

### Battery Care

- Recharge the battery regularly to maintain optimal performance.
- Avoid fully discharging the battery for extended periods, as this can reduce its lifespan.
- If the battery performance significantly degrades (e.g., shorter operating time, dim light), it may need to be replaced. Contact Welch Allyn customer service for replacement options.

## TROUBLESHOOTING

| Problem                 | Possible Cause  | Solution   |
|-------------------------|---|--|
| Handle does not turn on | Battery discharged; Instrument head not properly attached | Recharge the battery; Ensure instrument head is securely twisted into place  |
| Light is dim            | Low battery charge; Rheostat set too low                  | Recharge the battery; Rotate rheostat clockwise to increase brightness       |
| Handle not charging     | Charger not properly connected; Faulty power outlet       | Verify charger connection to handle and outlet; Try a different power outlet |

## SPECIFICATIONS

- Model:** 71000-A
- Power Source:** 3.5V Nickel-Cadmium Rechargeable Battery
- Charger Type:** IEC Plug Type-A
- Compatibility:** Designed for use with Welch Allyn 3.5V instrument heads
- Approximate Package Dimensions:** 8.43 x 4.8 x 2.36 inches
- Approximate Package Weight:** 14.07 ounces

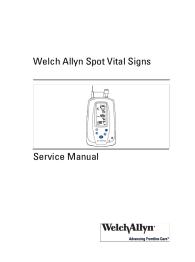
## WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or to inquire about replacement parts, please contact Welch Allyn customer service or visit the official Welch Allyn website. Keep your purchase receipt for warranty claims.



### Related Documents - 71000-A

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|---|---|
|  | <p><a href="#">Welch Allyn 3.5-Volt Rechargeable Battery Replacement and Usage Guide</a><br/>Instructions for charging and replacing Welch Allyn 3.5-volt rechargeable batteries for models 71000, 71010, 71020, 71050, 70700, 70710, 70720, 70750. Includes important safety warnings.</p>   |
|  | <p><a href="#">Welch Allyn 719 Series Lithium Ion Handle and USB Charging Accessory - Directions for Use</a><br/>This document provides comprehensive directions for use for the Welch Allyn 719 Series Lithium Ion Handle and USB Charging Accessory. It includes introductory information, device details, charging instructions, operating guidelines, cleaning procedures, and important safety warnings.</p> |

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|     | <p><b><a href="#">Welch Allyn 719 Series Lithium Ion Handle - Instructions for Use</a></b></p> <p>Comprehensive instructions for use, safety warnings, specifications, and maintenance for the Welch Allyn 719 Series Lithium Ion Handle, designed for powering various 3.5V Welch Allyn medical instruments.</p>                          |
|    | <p><b><a href="#">Welch Allyn 719 Series Lithium Ion Handle - Instructions for Use</a></b></p> <p>Comprehensive instructions for the Welch Allyn 719 Series Lithium Ion Handle, covering intended use, operation, charging, battery replacement, cleaning, specifications, safety warnings, and warranty information.</p>                  |
|    | <p><b><a href="#">Welch Allyn ProBP 2000 Digital Blood Pressure Device: Instructions for Use</a></b></p> <p>This document provides comprehensive instructions for the Welch Allyn ProBP 2000 Digital Blood Pressure Device, covering setup, operation, maintenance, troubleshooting, and specifications for professional clinical use.</p> |
|  | <p><b><a href="#">Welch Allyn Spot Vital Signs Service Manual</a></b></p> <p>Comprehensive service manual for the Welch Allyn Spot Vital Signs device, covering troubleshooting, repair, maintenance, specifications, and functional overviews for medical clinicians.</p>   |