

719 Series Lithium Ion Handle

INTRODUCTION

Thank you for purchasing the Welch Allyn 719 Series Lithium Ion Power Handle. The 719 series represents a new generation of handles from Welch Allyn. Taking advantage of new battery technology, the 719 series provides you double the on-time in a smaller and lighter weight package. Smarter battery technology means that "memory" is no longer an issue. What's more, the 719 reminds you to recharge with its low battery indicator. The soft rheostat section provides a sure grip and the overall design is ergonomically sound. The charging prongs, located in the lower section, can be easily accessed. Once charged, the prong section can either remain attached to the handle or be stored in a case.

Before using this product, please read the following warnings and instructions.

SAFETY AND WARNINGS



Attention: Read Operating Manual for Cautions and instructions for use.

- POSSIBLE EXPLOSION HAZARD. Equipment not suitable for use in the presence of a flammable anesthetic.
 - Use the 719 Series Handle only with Welch Allyn approved products and chargers.
 - Welch Allyn p/n 71960 (Battery Section) is only suitable for use with the 719 series handle.
 - Do not disassemble or modify the battery pack. There are no serviceable parts inside.
 - Do not attempt to directly solder to the battery pack.
 - Do not attempt to connect the positive and negative terminals to each other, nor to any other device.
 - Do not charge battery pack in any environment where the temperature may exceed 40°C (104° F) or fall below 0°C (32° F).
 - Do not dispose of the battery section in fire or water. Do not puncture, incinerate or subject to strong impact or shock.
 - Do not immerse the battery pack in any liquid.
 - Do not strike or throw the battery pack.
 - Do not use a battery pack which appears to be deformed, leaking, corroded, or is otherwise irregular.
 - Handle a damaged or leaking battery with extreme care. If you come into contact with the electrolyte, wash the exposed area with soap and water. If it contacts the eye, flush the eye with water for 15 minutes. Seek medical attention immediately.
 - When discarding a battery pack, contact your local waste disposal service provider regarding local restrictions on the disposal or recycling of batteries.
 - To avoid the risk of fire, burns, or damage to your battery pack or lamp, do not allow a metal object to touch across the battery contacts.
 - Disconnect instrument head while charging.
 - For longest service, remove the handle and AC Charging Module from outlet when charging is complete. Do not leave AC Charging Module connected to power outlet without a handle attached.
- FOR BEST PERFORMANCE:
- Do not expose battery pack to storage temperatures above 50°C (122°F) or below -20°C (-4°F).
 - Do not discharge battery pack if the ambient temperature is above 60°C (140°F) or below -20°C (-4°F).

Avant d'installer le block-batterie, veuillez lire les informations suivantes et les conserver pour consultation ultérieure.

Mise en garde



Attention, veuillez lire le manuel d'utilisation pour les précautions à prendre et le mode d'emploi

- Utiliser uniquement avec des dispositifs et des chargeurs approuvés par Welch Allyn.
- Consulter les manuels d'utilisation respectifs des dispositifs et des chargeurs Welch Allyn pour des mise en garde et spécifications supplémentaires. Toutes les informations contenues dans les manuels d'utilisation ont priorité sur ces spécifications.
- Ne pas essayer de démonter ou de modifier le bloc-batterie. Il ne contient pas de pièces réparables par l'utilisateur.
- Ne pas essayer de souder un autre dispositif directement au bloc-batterie.
- Ne pas essayer de raccorder les bornes positives et négatives l'une à l'autre, ni à un autre dispositif.
- Ne pas charger, le bloc-batterie dans un lieu où la température ambiante risque de dépasser 40°C ou de tomber en dessous de 0°C.
- Ne pas plonger le bloc-batterie dans de l'eau.
- Ne pas essayer d'ouvrir ou de percer le bloc-batterie.
- Ne pas cogner ni lancer le bloc-batterie.
- Ne pas utiliser un bloc-batterie qui présente une déformation, une fuite, de la corrosion ou une anomalie quelconque.
- Si une fuite d'électrolyte du bloc-batterie entre en contact avec la peau ou les yeux, rincer à grande eau et consulter immédiatement un médecin.
- Ne pas démonter la partie batterie. Elle ne contient aucune pièce réparable par l'utilisateur.
- Ne pas jeter la partie batterie dans le feu ou dans l'eau. Ne pas perforer, incinérer ni soumettre à un impact ou un choc puissant.
- Pour éviter les risques d'incendie, de brûlures ou d'endommagement du bloc-batterie, ne laisser aucun objet métallique entrer en contact avec les bornes de la batterie ou de l'ampoule.
- Manipuler une batterie endommagée ou présentant une fuite avec grande prudence. En cas de contact avec l'électrolyte, laver la zone exposée à l'eau et au savon. En cas de contact oculaire, rincer l'œil à grande eau pendant 15 minutes et consulter immédiatement un médecin.
- Lores de la mise au rebut d'un bloc-batterie, contacter le service de ramassage d'ordures local pour se renseigner sur les restrictions locales portant sur la mise au rebut ou le recyclage des batteries.
- Débrancher la tête de l'instrument pendant le recharge.
- Ne pas laisser le module de recharge branché sur la prise sans que la poignée y soit fixée.
- Une fois le rechargement terminée, débrancher la poignée et le chargeur de la prise.
- Risque d'explosion. Ce dispositif ne doit pas être utilisé en présence d'anesthésiques inflammables à l'air, à l'oxygène ou à l'acide nitreux.
- Ce dispositif n'est pas étanche. Ne pas utiliser ni conserver de liquides au-dessus ou sur la source de lumière.
- Pour prolonger la durée de service, débrancher la poignée et le module de charge de la prise de courant une fois la recharge terminée. Ne pas laisser le module de charge branché sur la prise courant sans poignée attachée.

POUR DES RÉSULTATS OPTIMUM:

- Ne pas entreposer le bloc-batterie à une température ambiante supérieure à 50°C (122°F) ou inférieure à -20°C (-4°F).
- Ne pas décharger le bloc-batterie si la température ambiante est supérieure à 60°C (140°F) ou inférieure à -20°C (-4°F).

Antes de instalar la batería, lea por favor la siguiente información y guárdela en lugar seguro para su futura referencia:

Advertencias



Atencion: Lea el Manual de Operación para obtener precauciones e instrucciones de uso.

- POSIBLE RIESGO DE EXPLOSION. Este equipo no es compatible para su uso en presencia de anestésicos inflamables.
- Utilice el Mango Serie 719 sólo cargadores y productos autorizados por Welch Allyn.
- Parte No. 71960 de Welch Allyn (sección de la batería) es compatible sólo con los Mangos de la Serie 719.
- No desarme la batería. Esta no contiene piezas que el usuario pueda reparar.
- No intente soldar directamente a la batería.
- No intente conectar el terminal positivo al negativo ni estos a ningún otro dispositivo.
- No cargue la batería en ningún lugar con temperaturas que excedan los 40°C (104°F) o que estén debajo de los 0°C (32°F).
- No deseche la batería en fuego o agua. No la perforo, incinere ni someta la batería a un impacto o golpe fuerte.
- No sumerja la batería en agua.
- No golpee ni arroje la batería.
- No utilice la batería si está deformada, corroída, con fugas o si presenta algún otro tipo de defecto.
- Maneje con sumo cuidado baterías dañadas o con fugas. Si el electrolito de la batería entra en contacto con la piel, lave la zona afectada con agua y jabón. Si entra en contacto con los ojos, enjuáguelos con agua durante 15 minutos y llame inmediatamente al médico.
- Al desechar una batería, llame al servicio de recojo de basuras local para informarse de las normas y restricciones locales para el desecho o reciclamiento de baterías.
- Para evitar el riesgo de incendio, quemaduras o daños a la batería o lámpara, no permita que ningún objeto de metal toque los contactos de la batería.
- Desconecte el cabezal del instrumento al cargar la batería.
- Para un servicio prolongado: retire el mango y el cargador de la toma de corriente una vez completada la carga.

PARA MEJORES RESULTADOS:

- No almacene la batería en lugares donde las temperaturas sean mayores a 50°C (122°F) o debajo de los -20°C (-4°F).
- No descargue la batería si la temperatura ambiente se encuentra sobre los 60°C (140°F) o por debajo de los -20°C (-4°F).

Parts List

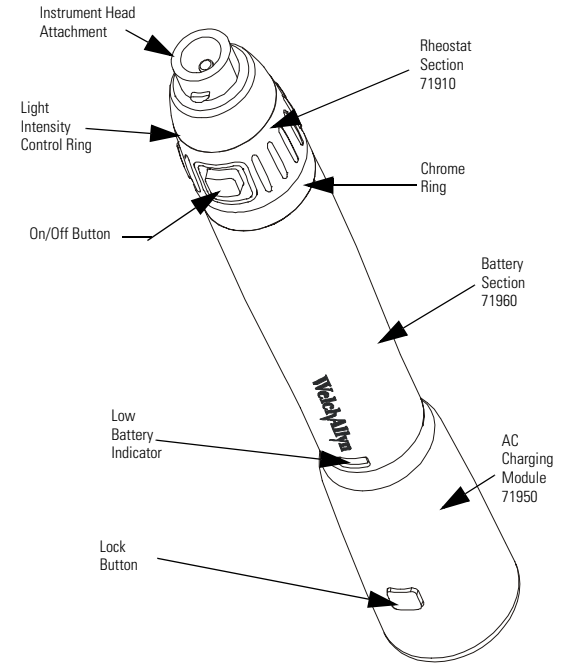


Figure 1

OPERATING INSTRUCTIONS

1. Connect instrument head to the handle.
2. Depress On/Off Button on Rheostat Section and rotate the Light Intensity Control Ring clockwise (CW). To intensify light, continue to rotate until stop is reached (Figure 1).
3. To turn off, rotate counter clockwise (CCW). Button will click when fully off. Turn fully off after each use to ensure maximum on-time from the battery.

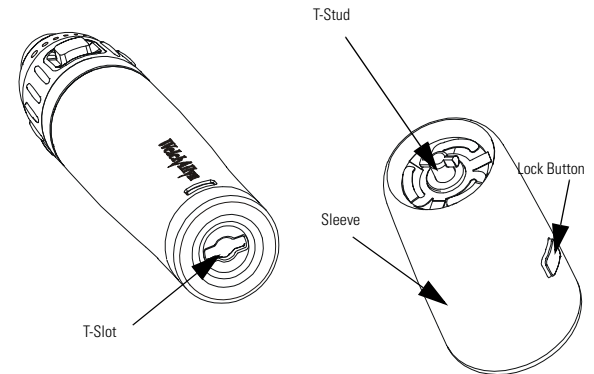


Figure 2

CHARGING INSTRUCTIONS

1. Remove instrument head.
2. Insert T-stud on the AC Charging Module into the T-slot on the Battery Section (Figure 2). Rotate 90° in either direction. T-stud will lock into place.
3. To expose prongs, depress lock Button on the AC Charging Module (Figure 1). With the Lock Button depressed, slide Sleeve toward Rheostat Section.
4. Plug into standard (110-120v 50/60 Hz) wall outlet. Charge for 18 continuous hours to charge a dead battery.
5. Battery may be charged after partial discharge without negatively affecting overall battery memory (unlike Ni-Cad cells).
6. Do not attempt to use the instrument during charge, the instrument will not operate. When charging is complete remove the handle and charger from outlet. For longest service, do not leave AC Charging Module plugged into a power outlet without a handle attached.
7. Slide sleeve back over prongs. The Lock Button will click when prongs are fully hidden.
8. Remove AC Charging Module from the Battery Section if desired.

NOTE: The battery section is not shipped fully charged. For maximum performance charge the battery section for 12 - 16 hours when battery section is new or after a long period of inactivity.

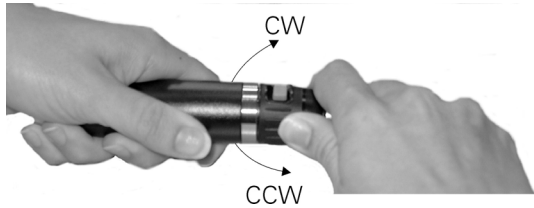
LOW BATTERY INDICATOR

1. The Low Battery Indicator will illuminate several minutes before handle shuts off depending on the age of the battery (Figure 1).
2. Once the battery is fully discharged, the Low Battery Indicator may flicker.

BATTERY REPLACEMENT

Removing the Battery Section:

1. Hold the instrument handle firmly by the Battery Section
2. Turn the Rheostat Section counterclockwise until it detaches from the Battery Section.



Replacing a New Battery Section

1. Insert the Rheostat Section into the new Battery Section.
2. To connect the two sections, turn the Rheostat Section clockwise until tight.
3. Verify the Rheostat Section is secure on the Battery Section of the instrument handle.

CLEANING

The cleaning of all Welch Allyn power handles can be easily accomplished by wiping the external surface with a cloth dampened with a mild detergent and water solution, 70% isopropyl alcohol, or a 10% bleach solution (by volume). Do not immerse.

NOTE: Excess solution entering the assembly could damage internal components. Use caution to ensure cloth is not saturated with solution.

Do not sterilize the 719 Series Power Handle.

SPECIFICATIONS

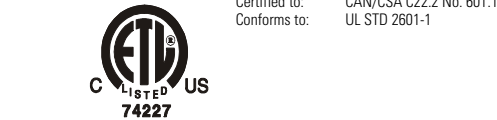
(Specifications and design may change without notice)

Model Number:	71900
Dimensions:	7.5" Long x 1.125" Diameter (Max.), 5.4" Long without AC Charging Module
Weight:	7.1 oz, 4.5 oz without AC Charging Module

Typical Charge Time: 18 hours (fully discharged)

Typical Discharge Time: 110 minutes (for new battery)

Approvals:



Input Voltage: 120V-60Hz 0.17A

Equipment Classification:



Double Insulation



TYPE BF Equipment.

IPX0 Equipment not protected against the ingress of water.

Continuous Operation

NOTE: This product complies with current required standards for electromagnetic interference and should not present problems to other equipment or be affected by other devices. As a precaution, avoid using this device in close proximity to other equipment.

Environment: Transport/Storage: -20°C - 49°C, 95% R.H. Max, 500hPa - 1060hPa, Altitude
Operating: 10°C - 40°C, 95% R.H. Max, 500hPa - 1060hPa, Altitude

SERVICE AND WARRANTY

Service

For customers in North America, please return instruments requiring service to a Welch Allyn Technical Service Department listed below or to an authorized Welch Allyn Technical Service Department.

Technical Service Department
Welch Allyn, Inc.
4341 State Street Road
Skaneateles Falls, NY 13153-0220
Telephone: 1-800-535-6663
Fax: 315-685-4653 (Technical Services)

In Canada:
Telephone: 1-800-561-8797
Fax: 905-890-0008.

Warranty

The 719 series Power Handle is guaranteed by Welch Allyn against all manufacturing defects. Welch Allyn will repair or replace, free of charge, any parts of its own manufacture proven to be defective through causes other than misuse, neglect, damage in shipment, or normal wear.

Welch Allyn warrants that the Welch Allyn 71960 Battery Section will perform to original specifications during the two years from the date of manufacture, when used with the Welch Allyn 719 series Power Handle. This warranty does not apply to the use of the 71960 battery in other products. A defective battery will be replaced if it fails within two years of the date of manufacture.

Battery Recycling

Welch Allyn now employs the services of an agency which can disassemble and recycle all components of rechargeable batteries so that nothing gets landfilled or incinerated. Should you wish to dispose of your expended Welch Allyn rechargeable battery via recycling (in the U.S. and Canada only), please send to:

Welch Allyn
RECYCLE BATTERY
4341 State Street Road
Skaneateles Falls, NY
13153-0220

Welch Allyn Canada
RECYCLE BATTERY
160 Matheson Blvd. East
Mississauga, Ontario
CANADA L4Z 1V4

For locations outside the U.S. and Canada consult your local recycling authority for correct disposal of batteries.