



719 Series Lithium Ion Handle

INTRODUCTION

Thank you for purchasing the Welch Allyn 719 Series Lithium Ion Power Handle. The handle is intended for use as a power source for all Welch Allyn standard instrument heads. 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.

This handle is chargeable in the Welch Allyn Universal Charger. It is also chargeable in the Welch Allyn 7111x (obsolete) Desk Charger and most standard 120V ophthalmic stands with the use of a Welch Allyn Well Adapter (see 71980/90 Well Adapter User Manual for manufacturer/model chart).

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 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.

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.
- 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.

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).

SICHERHEITS- UND WARNHINWEISE



Achtung: Vorsichtshinweise und eine Gebrauchsanweisung finden Sie in der Bedienungsanleitung.

- EXPLOSIONSGEFAHR. Gerät nicht in der Nähe entzündlicher Anästhetika verwenden.
- Den Griff der Serie 719 nur mit von Welch Allyn zugelassenen Produkten und Ladegeräten verwenden.
- Suggestion: Den Batterieeinsatz, Welch Allyn Bestellnummer 71960, nur mit dem Griff der Serie 719 verwenden.
- Die Batteriepackung nicht auseinandernehmen oder verändern. Im Innern befinden sich keine vom Benutzer wartbaren Teile.
- Nicht versuchen, direkt auf der Batteriepackung zu löten.
- Nicht versuchen, die positiven und negative Pole miteinander oder mit anderen Geräten zu verbinden.
- Die Batteriepackung nicht in Umgebungen mit möglichen Temperaturen von über 40 °C oder unter 0 °C aufladen.
- Den Batterieeinsatz nicht verbrennen oder in Wasser entsorgen. Nicht durchstoßen, anzünden oder starken Schlägen bzw. Stößen aussetzen.
- Die Batteriepackung nicht in Flüssigkeiten eintauchen.
- Auf die Batteriepackung nicht schlagen und diese nicht werfen.

- Batteriepackungen nicht verwenden, wenn sie verformt, undicht oder korrodiert erscheinen oder auf sonstige Weise beeinträchtigt sind.
- Mit beschädigten oder undichten Batterien äußerst vorsichtig umgehen. Bei Kontakt mit der Batteriesäure den betroffenen Bereich mit Wasser und Seife abwaschen. Bei Kontakt mit den Augen diese 15 Minuten lang mit Wasser ausspülen. Sofort einen Arzt aufsuchen.
- Zum Entsorgen der Batteriepackung mit dem örtlichen Abfallentsorgungsdienst Verbindung aufnehmen, um die geltenden Bestimmungen zum Entsorgen und Recycling von Batterien zu erhalten.
- Um die Gefahr eines Brandes sowie von Verbrennungen oder Beschädigungen an der Batteriepackung oder Lampe zu vermeiden, darauf achten, daß die Batteriekontakte nicht mit Gegenständen aus Metall berührt werden.

FÜR OPTIMALE LEISTUNG:

- Die Batteriepackung bei der Lagerung keinen Temperaturen von über 50 °C oder unter -20°C aussetzen.
- Die Batteriepackung nicht entladen, wenn die Umgebungstemperatur über 60 °C oder unter -20°C liegt.

AVVERTENZE E NOTE DI SICUREZZA



Attenzione: leggere il manuale operativo per disporre di avvisi ed istruzioni riguardanti l'uso..

- POTENZIALE PERICOLO D'ESPLOSIONE. Apparecchiatura non adatta all'uso in presenza di anestetici infiammabili.
- Utilizzare il manipolo serie 719 solo con prodotti e carica-batterie approvati dalla Welch Allyn.
- Il p/n 71960 (sezione relativa alle batterie) della Welch Allyn è adatto all'uso solo con il manipolo serie 719.
- Non disassemblare o modificare il pacco batteria, in quanto al suo interno non sono presenti parti sottoponibili a manutenzione e/o riparazione.
- Evitare di eseguire saldature direttamente al pacco batteria.
- Evitare di collegare i morsetti negativi e positivi l'uno all'altro, o ad altri dispositivi.
- Non caricare il pacco batteria in ambienti la cui temperatura possa superare i 40 oC (1040 F) oppure essere inferiore ai 0 oC (32o F).
- Non gettare via la batteria nel fuoco o in acqua. Non perforare, incenerire od esporla ad urti violenti o shock.
- Non immergere il pacco batteria in alcun liquido.
- Non urtare o gettare il pacco batteria.
- Non usare il pacco batteria nel caso in cui risulti deformato, presenti perdite, sia corrosivo oppure abbia alte irregolarità.
- Le batterie danneggiate o con perdite devono essere maneggiate con estrema attenzione. Se si dovesse venire in contatto con gli elettroliti, lavare la zona esposta con sapone ed acqua. Se il contatto riguarda gli occhi, risciaquarli con acqua per 15 minuti. Cercare assistenza medica immediatamente.
- Quando si getta via il pacco batteria, mettersi in contatto con il centro locale responsabile dello smaltimento dei rifiuti per informazioni sullo smaltimento o il riciclo delle batterie.
- Per evitare il rischio d'incendio, bruciature o danni al pacco batteria o alla lampada, impedire che oggetti metallici vengano in contatto con i contatti della batteria.

PER OTTENERE LA PRESTAZIONE MIGLIORE:

- Evitare di esporre il pacco batteria a temperature di immagazzinaggio superiori ai 50 oC (1220 F) oppure inferiori ai -20 oC (-4o F).
- Non gettare via il pacco batteria se la temperatura ambiente è superiore ai 60 oC (1400 F) oppure inferiore ai -20 oC (-4o F).

Parts List

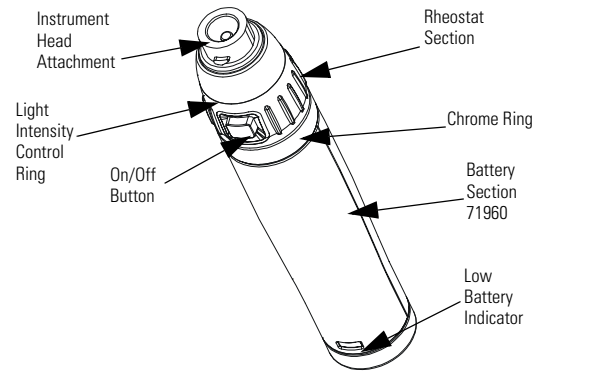


Figure 1

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.

CHARGING INSTRUCTIONS

7114x Universal Charger

1. Insert the handle into the Well. Charge for 24 continuous hours to charge a dead battery (less to top off).
2. Fully charged handles may remain in the Charger if desired.
3. Charging the Battery after partial discharge does not negatively affect overall battery memory (unlike Ni-Cad cells).

71110 Desk Charger (obsolete) and Ophthalmic Stands

See well adapter instructions for installing well adapter(s). Once adapters are installed, follow charging procedures indicated under the 7114x Universal Charger.

NOTE: The Battery Section is not shipped fully charged. For maximum performance charge the Battery Section for 24 hours when 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.

INSTALLING 71980 WELL ADAPTERS INTO THE 71110 DESK CHARGER

1. Insert the Well Adapter into one of the Handle Receptacles in the Desk Charger. Be sure to insert the Adapter until it is fully seated. Once the Well Adapter has been installed, it does not need to be removed (Figure 2).
2. One or two Well Adapters may be used with the Desk Charger.

BATTERY REPLACEMENT

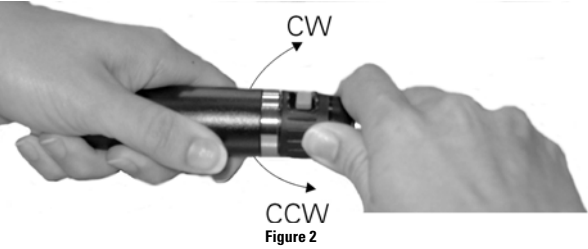
Removing the old Battery Section:

1. Hold the instrument handle firmly by the Battery Section.
2. Turn the Rheostat Section Counterclockwise until it detaches from the Battery Section (see figure 2).

Installing 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 (see figure 2).

3. Verify the Rheostat Section is secure on the Battery Section of the instrument handle.



CLEANING

The cleaning of all Welch Allyn power handles and chargers is 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 or Well Adapter.

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

SPECIFICATIONS

(Specifications and design may change without notice)

Handle

Model Number:	71911
Dimensions:	5.4" Long x 1.125" Diameter (Max.)(137mm x 28.6 mm)
Weight:	4.5 oz. (128 g)
Typical Charge Time:	24 hours (fully discharged)
Typical Discharge Time:	110 minutes (for new battery)
Approvals:	

	Complies with: IEC 60601-1, CAN/CSA C22.2 No 125 and UL544 When used with 71980 Well Adapter and 711 series Desk Charger
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Equipment Classification:



TYPE BF Equipment.

Equipment Classification (All Charger Model Numbers)



Double Insulation

Equipment Classification (All System Components)

IXPO Equipment not protected against the ingress of water.

Operating Mode: Continuous Operation

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

Environment (All System Components)

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



The CE mark on this product indicates it has been tested to and conforms with the provisions noted in the 93/42/EEC Medical Device Directive.

Authorized European Representative:
European Regulatory Manager
Welch Allyn, Ltd.
Navan Business Park
Dublin Road
Navan, County Meath, Republic of Ireland
Telephone: 353 46 67700
Fax: 353 46 27128

SERVICE AND WARRANTY

Service Information

Other than battery replacement, this equipment contains no user servicable parts. Return to a Welch Allyn authorized service center for service.

For Technical Support or to obtain return instructions, please contact your nearest Welch Allyn service center listed below:

Welch Allyn, Inc. 4341 State Street Road Skaneateles Falls, NY 13153-0220 Telephone: 800-535-6663 Fax: 315-685-4653	Welch Allyn, Ltd - Canada 160 Matheson Blvd. E., Unit #2 Mississauga, Canada L4Z 1V4 Telephone: 905-890-0004 Fax: 905-890-0008
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Welch Allyn, Ltd. - UK Cublington Road Aston Abbotts Buckinghamshire England HP22 4ND Telephone: 011-0207-365-6780 Fax: 011-0207-365-9694	Welch Allyn, GmbH PSC Zollerstrasse 2-4 D72417 Juningen, Germany Telephone: 011-49-7477-927186 Fax: 011-49-7477-927293
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Welch Allyn, LTD - Singapore 300 Beach Road The Concourse #25-08 Singapore 199555 Telephone: 011-656-291-0882 Fax: 011-656-291-5780	Welch Allyn China Service Center Room 708 Central Plaza No. 277 Huang Pi Bei Rd. Huang Pu District Shanghai 20003, China Telephone: 011-86-21-63279631 FAX: 011-86-21-63279632
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Welch Allyn, Ltd. - Australia
The Metro Centre Unit 5
38-46 South Street
Rydalmere NSW 2116, Australia
Telephone: 011-(612) 9638-3000
Fax: 011-(612) 9638-3500

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.