

# 719-DSK Universal Desk Charger

## Instructions for use Professional use only

**REF** 772535, DIR 80027005 Ver. E  
Revision date: 2020-11

**#** 901001 ACCESSORY, EYE, EAR,  
NOSE & THROAT

**Authorized Australian Sponsor**  
Welch Allyn Australia Pty. Ltd.  
Unit 4.01, 2-4 Lyonpark Road  
Macquarie Park, NSW 2113  
Phone 1800 650 083

Welch Allyn, Inc.  
4341 State Street Road  
Skaneateles Falls, NY 13153 USA  
hillrom.com

This manual applies to this **REF** number:  
719-DSK Universal Desk Charger

©2020 Welch Allyn, Inc.  
All rights reserved. No one is permitted to reproduce or  
duplicate, in any form, this instructions for use or any  
part thereof without permission from Welch Allyn.

**EC REF** and **EU Importer**  
Welch Allyn Limited,  
Navan Business Park,  
Dublin Road,  
Navan, Co. Meath, C15 AW22  
Ireland

Welch Allyn, Inc. is a subsidiary of  
Hill-Rom Holdings, Inc.

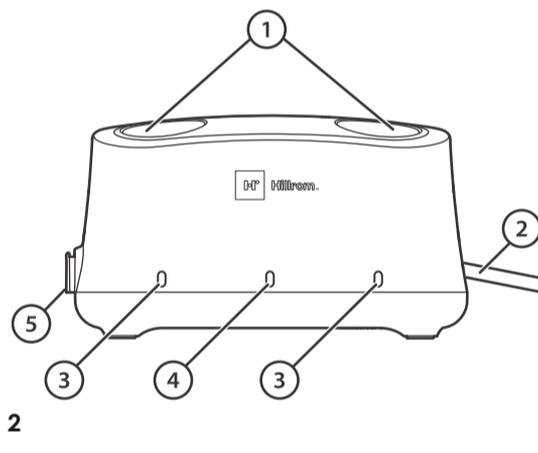
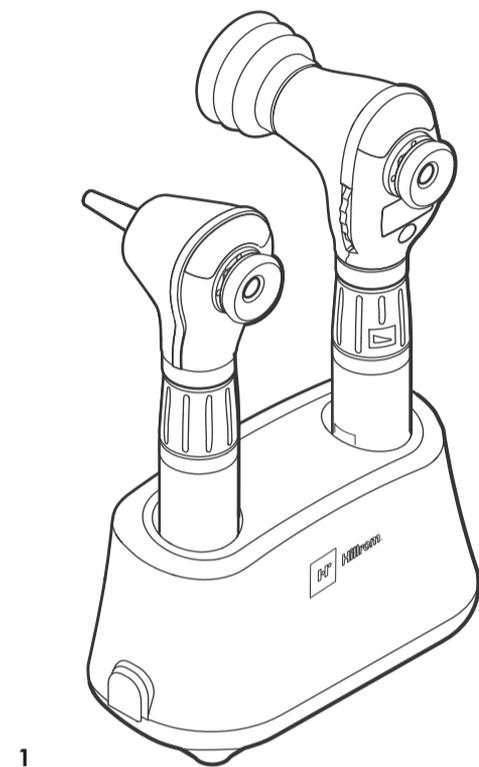
Made in USA

Welch Allyn is a registered trademark of Welch Allyn.

**PATENTS**  
hillrom.com/patents



**Rx ONLY**



## English

### Intended use

The 719-DSK Universal Desk Charger is intended to charge Welch Allyn rechargeable 2.5 V and 3.5 V handles.

### Accessories

Recommended with this charger:

- 719-3 Li-Ion Plus USB Handle for Desk Charger
- 719-WAL Wall bracket for Universal Desk Charger
- 11840-IEX Smart Device Bracket
- 71249 PocketScope™ Rechargeable Handle Adapter for the Universal Charger (required to charge Welch Allyn PocketScope handles in the Charger).
- 71670 3.5v NiCad battery handle
- 71900/11 3.5v Lithium Ion battery handle

To see backward-compatible accessories and devices, visit [hillrom.com/getstarted](http://hillrom.com/getstarted).

### Symbols

For information on the origin of these symbols, see the Welch Allyn symbols glossary: [welchallyn.com/symbolsglossary](http://welchallyn.com/symbolsglossary)

	<b>CAUTION</b> The caution statements in this manual identify conditions or practices that could result in damage to the equipment or other property, or loss of data.		<b>WARNING</b> The warning statements in this manual identify conditions or practices that could lead to illness, injury, or death. Warning symbols will appear with a gray background in a black and white document.
	Global Trade Item Number		Consult Instructions for use (IFU).
	Separate collection of Electrical and Electronic Equipment. Do not dispose as unsorted municipal waste.	<b>Rx ONLY</b>	Prescription only or "For Use by or on the order of a licensed medical professional"
<b>REF</b>	Reorder number	<b>#</b>	Product identifier
<b>MD</b>	Medical device		Japan's PSE approval symbol for Category A
	Atmospheric pressure limitation		Humidity limitation
	Temperature limit	<b>LOT</b>	Lot code
	Rated power input, AC		Rated power output, DC
	Manufacturer		<b>NOTE</b> Presents clarification about an instruction or helpful information about a feature or behavior.

### Warnings

**WARNING** Green power light indicates that main power is connected to the charger.

**WARNING** Only authorized Welch Allyn Service Centers can perform service.

**WARNING** DANGER: Risk of explosion if used in the presence of flammable anesthetics.

**WARNING** Use of any accessories or materials not indicated in the user's manual can degrade the minimum safety of the equipment.

**WARNING** This product complies with current required standards for electromagnetic interference and should not present problems to other equipment nor is it affected by other devices. As a precaution, avoid using this device in close proximity to other equipment.

**WARNING** Personal injury risk. The power cord is the disconnect device to isolate this equipment from supply mains. Position the equipment so that it is not difficult to reach to disconnect the cord.

### Residual risk

This product complies with relevant electro-magnetic interference, mechanical safety, performance, and biocompatibility standards. However, the product cannot completely eliminate potential patient or user harm from the following:

- Harm or device damage associated with electro-magnetic hazards,
- Harm from mechanical hazards,
- Harm from device, function, or parameter unavailability,
- Harm from misuse error, such as inadequate cleaning, and/or
- Harm from device exposure to biological triggers that may result in a severe systemic allergic reaction.

### Overview - See drawing 2

<b>1</b> Charging wells	Charge compatible handles
<b>2</b> Power cord	
<b>3</b> Charger indicator lights	LEDs indicate handle is sensed and is charging.
<b>4</b> Power light	LED indicates that power is supplied.
<b>5</b> Examiner SmartBracket storage	

### Operate the charger

The Universal Desk Charger is immediately ready for use when the power cord is plugged into any grounded outlet.

### Charge the handles

Place handle(s) into well(s). To fully charge a completely discharged or new handle, leave the handle in the charging well overnight. Maintain the charge between examinations throughout the day by placing the handle(s) into the well(s).

**NOTE** Turn any NiCad handle off before inserting it into the well.

**NOTE** Once fully charged, the 71900/11 Lithium Ion battery handle and the 719-3 Lithium Ion Plus USB Handle for Desk Charger will cause the amber indicator LED to turn off.

### Clean the charger

Unplug the charger before cleaning. Once per month, wipe down the exterior for 10 seconds using one of the following cleaning wipes:

- 70% IPA wipes (e.g. CiDehol® 70 Alcohol Wipes)
- Metrex CaviWipes®
- PDI Super Sani-Cloth®

Use a dry cloth to clean the contacts inside the charging wells and the rechargeable battery handle bottoms. The Universal Desk Charger is not intended for sterilization. Do **NOT** autoclave the Universal Desk Charger, instruments, or handles. Do not sterilize the 719 Series Well Adapter.

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

### Inspection, service, maintenance, and reuse

Inspect the device for visible signs of deterioration. If you see evidence of damage or deterioration, discontinue use and contact Hillrom.

Maintenance and servicing are not required for these devices. This equipment contains no user serviceable parts. These devices may be reused until they show visible signs of wear or until they cease to function correctly. These devices do not require shelf-life restrictions.

For Technical Support, or to obtain return instructions, please visit [hillrom.com/en/about-us/](http://hillrom.com/en/about-us/).

### Disposal

Disposal must be in accordance with the following steps:

1. Follow cleaning instructions in this user manual section.
2. Segregate material in preparation for the recycling process:
  - Components are to be disassembled and recycled based on type of material:
    - Plastic to be recycled as plastic waste
    - Metal to be recycled as metals
  - Includes loose components containing more than 90% metal by weight
  - Includes screws and fasteners
  - Electronic components, including the power cord and batteries (present in the Handles), to be disassembled and recycled as Waste of Electrical and Electronic Equipment (WEEE)

Users must adhere to all federal, state, regional, and/or local laws and regulations as they pertain to the safe disposal of medical devices and accessories. If in doubt, the user of the device should first contact Hillrom Technical Support for guidance on safe disposal protocols.

### Hillrom Technical Support

For information about any Hillrom product, contact Hillrom Technical Support at [hillrom.com/en-us/about-us/locations](http://hillrom.com/en-us/about-us/locations)

### Notice to users and/or patients in EU

Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

### Specifications

(specifications may change without notice)

Input	100–240Vac, 50-60 Hz, 100mA max, Class I, Continuous Operation
Output	2.4V –4.0V DC 80mA max.
Weight	2.0 lb (0.91kg) (not including the rechargeable handles & cord)
Dimensions	Charger requires 3.75" x 7.6" (95.3mm x 193.1mm) desk space (not including power cord)
IPX0	Not protected against the ingress of water
Fuses (time delay glass tube)	T100mA
Environment	Storage and transport: –20°C (–4°F) to 55°C (131°F), 10% to 95% R.H. non-condensing, 69.7 kPa to 106 kPa altitude  Operating: 10°C (50°F) to 40°C (104°F), 10% to 95% R.H. non-condensing, 69.7 kPa to 106 kPa altitude

### Standards and compliance

The device complies with the following standards:

- IEC 60601-1
- IEC 60601-1-2
- ISO 10993-1

Country-specific standards are included in the applicable Declaration of Conformity



### Lot code

The final five digits of the Lot number on the product reveal its manufacture date.

For lot code YY-DDD, YY = year of manufacture and DDD = day of manufacture (sequential from the beginning of the year).

### EMC tables

For information about electromagnetic compatibility (EMC), see [hillrom.com/getstarted](http://hillrom.com/getstarted). A printed copy of the Emissions and immunity information can be ordered for delivery within 7 calendar days.

### Warranty

Welch Allyn guarantees that the 719-DSK Universal Desk Charger with cord is free of any manufacturing defects. Welch Allyn will repair or replace, free of charge, any parts proven to be defective through causes other than misuse, neglect, damage in shipment and normal wear and tear. Welch Allyn warrants the 719-DSK Universal Desk Charger with cord will perform to original specifications for a one year period from the original date of purchase.

Welch Allyn reserves the right to make changes without notice in design, specifications and models.