



## Welch Allyn EpiScope™ Skin Surface Microscope Directions for Use

REF 47300

Mat. No 719632 Ver. B  
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### Intended use

Allows visualization and measurement of skin surface lesions.

### Symbols



**WARNING** identifies information within the manual to avoid injury.



**CAUTION** identifies information within the manual to avoid equipment failure.



Temperature Range



Humidity Range



Meets essential requirements of European Medical Device Directive 93/42/EEC.



Do not dispose of this product as unsorted municipal waste. Prepare this product for reuse or separate collection as specified by Directive 2002/96/EC of the European Parliament and the Council of the European Union on Waste Electronic and Electrical Equipment (WEEE). If this product is contaminated, this directive does not apply.

For more specific disposal information, see [www.welchallyn.com/weee](http://www.welchallyn.com/weee), or contact Welch Allyn Customer Service +44 207 365 6780.

### Warnings and cautions



**WARNING** This cleaning and disinfection procedure and the equipment and materials described must be followed and conducted by persons trained and familiar with medical device cleaning and disinfection.



**WARNING** Consult your facility's procedures and the reprocessing agents manufacturer's instructions for the agents reuse, recommended Personal Protective Equipment, and other safety precautions.



**WARNING** Lamps may be hot. Allow to cool before removal. Handle and dispose of the lamp with care to avoid shattering. Use protective eyeglasses when handling.



**WARNING** The EpiScope is intended to be used ONLY with intact skin.



**CAUTION** Failure to follow these instructions may cause damage to this device.



**CAUTION** Do not immerse or allow excessive moisture to contact the EpiScope. Doing so may cause damage to the device.



**CAUTION** Only use the cleaner/disinfectant types identified within these instructions. Do not use other cleaners or disinfectants.



**CAUTION** Always follow the cleaner or disinfectant manufacturers' instructions for proper use.



**CAUTION** Repeated reprocessing may degrade elements of the device. Follow inspection procedures to assure damage has not occurred.

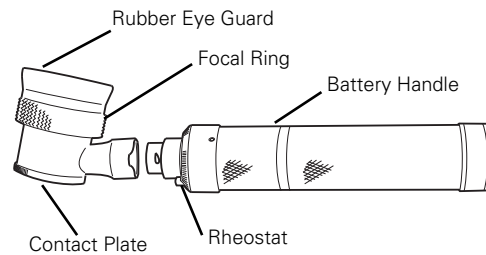


**CAUTION** Do not use abrasive material to clean lens. Doing so can scratch and permanently damage optics.



**CAUTION** The EpiScope is not for diagnostic purpose/use.

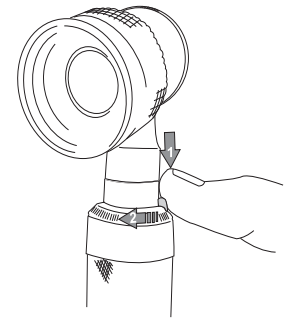
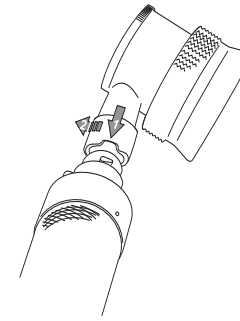
### Components



### Instructions

1. Install EpiScope onto Welch Allyn 3.5v handle.

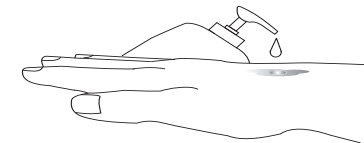
2. Power ON



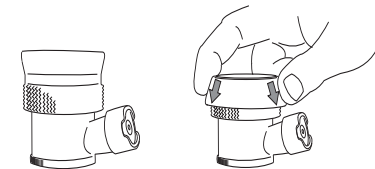
3. Center EpiScope over lesion to examine surface and adjust focal ring



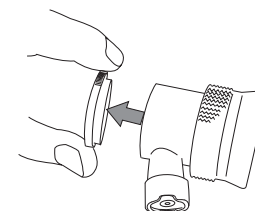
**Note:** To reduce glare, moisten skin with oil.



**Note:** Roll back rubber eye guard if you wear glasses.



**Note:** To examine raised moles or lesions, remove contact plate.



## Care and maintenance

### Cleaning and disinfection

The following instructions apply to the Welch Allyn EpiScope.

#### Limitations on cleaning and disinfection

This device may be cleaned and disinfected multiple times in accordance with these instructions. Cleaning and disinfection process must include inspection to assure damage has not occurred.

#### Instructions for cleaning the EpiScope

Clean EpiScope with a mild glass cleaning type solution labeled compatible for use on plastic. Use of prepackaged glass cleaner wipes is preferred, however, cleaning solutions can also be lightly applied to a lint-free cloth and then used on the EpiScope.

Apply pre-moistened wipe/cloth to surfaces of the EpiScope and wipe to clean visible debris.

#### Instructions for cleaning the EpiScope's lens or contact plate glass

Clean debris from the lens or contact plate with a cotton-tipped applicator moistened with 70% ethyl alcohol.

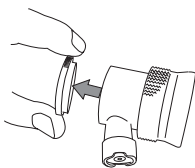
#### Instructions for disinfecting the EpiScope's contact plate glass

After cleaning, the EpiScope's contact plate can be disinfected with the following hospital-type low or intermediate level disinfectant solutions:

- Quaternary ammonium based, with alcohol (<50%) low or intermediate level disinfectant.
- Inorganic chlorine based, low or intermediate level disinfectant.

**Note:** Combination cleaner/disinfectants that carry a low or intermediate level disinfectant claim based upon the disinfectant types noted above are also suitable for use on the contact plate.

1. Remove the contact plate as shown:



2. Apply disinfectant to the contact plate per disinfectant agent manufacturer's instructions.
3. After disinfection, the optical element may be recleaned if necessary.
4. Re-install contact plate on to the EpiScope.

#### Maintenance, inspection, and testing

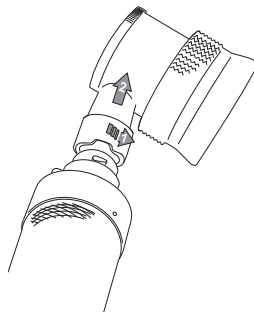
1. Inspect the EpiScope for signs of damage.
2. Appropriately discard any component that shows evidence of damage or deterioration.
3. Contact Welch Allyn for component replacement.
4. Verify the proper operation of the EpiScope per this manual's directions for use.

## Storage

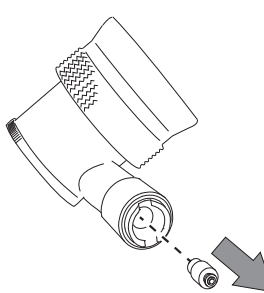
Store the EpiScope in a dry, clean area. A carrying case accessory is available, which holds the 3.5v rechargeable handle and extra contact plate.

### Lamp replacement

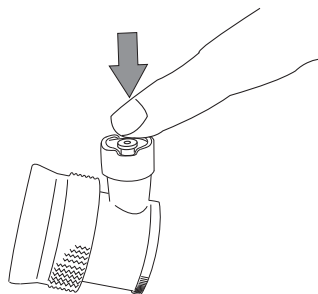
1. Remove EpiScope



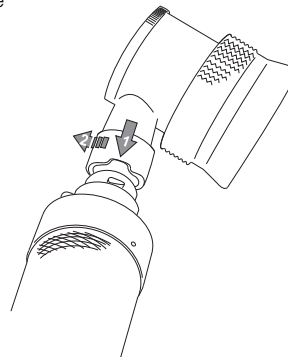
2. Remove lamp



3. Remove new 03000 lamp from packaging. Be careful not to touch the glass surface. If lamp surface is smudged, wipe clean with a soft cloth.
4. Insert 03000 Lamp until contact pin is below base flange.



5. Install EpiScope



## Power sources

The EpiScope Skin Surface Microscope is compatible with all 3.5 v. Welch Allyn power sources.

### Accessories

- |              |                       |
|--------------|-----------------------|
| <b>47310</b> | Reticle Contact Plate |
| <b>47320</b> | Plano Contact Plate   |
| <b>05232</b> | Carrying Case         |

### Warranty

Welch Allyn warrants the product to be free of defects in material and workmanship and to perform in accordance with the manufacturer's specifications for the period of one year from the date of purchase from Welch Allyn or its authorized distributors or agents. 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. The EpiScope contact plates are guaranteed for one year from date of purchase.

### Technical specifications

- |                                  |      |
|----------------------------------|------|
| <b>Magnification:</b>            | 10x  |
| <b>Focal Range (correction):</b> | ± 5D |
| <b>Focal Length:</b>             | 25mm |



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