



## Cleaning Manual

# Optergo DeLight Headlight-Systems

**Art.No.: 10113**  
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This manual contains the cleaning instructions for the DeLight Headlight-Systems. The complete operating instructions for the DeLight Headlight-Systems can be found as an accessory for the DeLight Headlight-System and is included in the scope of delivery of the Headlight-Systems. Printed copies are available upon request.



# Safety Information - Please Read Prior to Use

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## Using this manual

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This manual provides information required to enable you to clean the “DeLight” Headlight-System. Read this manual thoroughly before using the device and ensure that you understand the cleaning, disinfection and care for the device. If you have any questions or comments regarding the use of the device, please contact your local authorized support.

Note that the complete instruction manual set for this “DeLight” Headlight-System also includes the companion “User Manual DeLight”. The document can be provided in printed form upon request.

**The following conventions are used in this manual:**



### WARNING

A warning is a statement that alerts / indicates a potentially hazardous situation associated with the use or misuse of the device, which, if not avoided, could result in serious injury or death.



An informational note provides additional information of interest to the user.



Manufactured by:

Wieth Medical Systems e.K., hereinafter referred as “the manufacturer”.

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## Support

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# Hygienic reprocessing

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## “DeLight” Headlight-Systems

### valid for Type: DeLight5.0 Battery unit & headlamps UniBeam/EndoBeam

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- The following information on hygienic reprocessing must be provided in accordance with national Standards, laws, guidelines and recommendations are implemented. They must be included in the internal regulations.

- **Hygienic treatment should be carried out whenever contamination is suspected.**

- If there are doubts or indications that the “DeLight” Headlight-System after contamination and the subsequent hygienic treatment, is in a flawless hygienic condition, the use of the “DeLight” Headlight-System is not permitted any longer! In this case, the national standards, laws, guidelines and recommendations for handling contaminated medical devices must be followed!



- The measures for hygienic reprocessing described below do not replace the regulations applicable to the clinical facility.

- The manufacturer only releases the means and procedures recommended here that are listed in this manual.

- Hygienic reprocessing can only be carried out by a person with sufficient hygienic expertise.

- Observe the information provided by the manufacturers of the treatment agents.

- **Avoid the ingress of liquids.**

- The disinfection treatment must be carried out according to an approved processing procedure. The manufacturer cannot guarantee sterility and disinfection after these procedures. This validation must be done by the Users, e.g. hospitals or the manufacturers of the reprocessing equipment.

- The manufacturer validates material compatibility and functional integrity for the processes and agents listed in this manual. Process validation in the facility (incl. effectiveness and integration into SOPs) remains the users responsibility.



- Make sure that the device is completely dry after preparation before. Observe the instructions for verification of the “DeLight” before reuse.

- Do not use alcoholic treatment agents for the yellow filter.

- Non-sterile, non-critical device (contact with intact skin). Cleaning and low-level disinfection by trained healthcare staff only.

- Wear appropriate PPE (gloves, eye/face protection) when handling contaminated devices and chemicals.

# Hygienic Wipe Disinfection

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## 1. Preparation of cleaning

If contamination is suspected, carry out hygienic treatment. Turn off the device and disconnect the cables/control unit before treatment. Remove the lithium battery, if possible. Allow it to cool.



**Do not clean the battery-charger connector socket, AC mains inlet or other connector pins. Avoid liquid ingress. Do not immerse components; do not rinse under running water; do not use spray-type cleaners directly on the device; do not autoclave; do not machine-wash headband.**

## 2. Manual cleaning wipe disinfection



Ensure complete wetting of all surfaces for the entire exposure time specified by the disinfectant manufacturer. If necessary, increase the number of wipes processes and/or the number of wipes.

### Equipment for cleaning

- Detergent if necessary: enzymatic (e.g. Neodisher® MediClean)
- Disinfectant: Ammonium compounds (e.g. Schülke mikrozyd® AF wipes, Microbac® tissue or Sani-Cloth® AF3) or hydrogen peroxide (e.g. PREempt™ RTU Disinfectant Wipes)
- Do not use alcoholic treatment agents for the yellow filter.

### Carrying out the cleaning

- In the case of heavier contamination, you can first use a detergent. Do not use the same tissue for later disinfection.
- Clean and disinfect the “DeLight” (lamp), the cable, the “DeLight” control and headbands/adapters manually by using disinfectant tissues.
- Pay particular attention to hard-to-reach places.
- Wipe the touched surfaces particularly thoroughly: e.g. controls, turning elements, locking elements.
- Clean the padding of the headband with a detergent-soaked cleaning cloth.
- Remove all residue and dry the device as provided by the manufacturer of the disinfectants as required.
- Record date, agent, exposure time and initials.

## 3. Control and functional testing



- Check the device for contamination and defects and, if necessary, reprocess one more time. If there are doubts or indications that the “DeLight” Headlight-System after contamination and the subsequent hygienic treatment, is in a flawless hygienic condition, the use of the “DeLight” Headlight-System is not permitted any longer! In this case, the national standards, laws, guidelines and recommendations for handling contaminated medical devices must be followed!
- Setup the Headlight-System and inspect the system functionality according to the device-specific companion “User Manual DeLight”.

## 4. Storage

- Dry and protected against recontamination, dust and moisture at +5°C (41°F) to +50°C (122°F) and <85% RH non-condensing. Do not store permanently in a closed transport case.