

User Manual

OPERATION LAMP NEXUS OL-01 i OL-02

Serial number.....



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According to the classification of medical devices according to Regulation of the European Parliament and of the Council (EU) 2017/745, the table is classified as Class I.

The manufacturer declares that the product complies with the essential requirements of the Regulation of the European Parliament and of the Council (EU) 2017/745 and the Law on Medical Devices.

The compliance procedure was conducted in accordance with Annex VIII of the Ordinance.



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1. Safety

The product has been designed and manufactured to ensure safe use and handling. A prerequisite for the safe use of the lamp is that you have read, understood and followed the principles contained in these instructions.

1.1. General safety notes

- The lamp must not be used, operated or serviced in a manner inconsistent with these operating instructions. This may lead to damage, which is the responsibility of the user and for which the manufacturer is not liable.
- The user may not modify or repair the product himself. This will void the warranty. Repairs may only be carried out by service personnel or the manufacturer's representative.

1.2. General notes on the safe use of the product

- The lamp must not be used when the obscuring glass or lens system shows signs of damage (unstable fixing, cracking, etc.). Temperature disturbance or change in light parameters may affect the operation.
- When moving the lamp arms, avoid collisions between the arms or lamp bowls, as well as with other equipment in the operating theatre.
- In order to achieve the full range of lighting control, the distance between the operated field and the lamp should be between 0.6 and 1.5 m.
- Do not look into the light of the operating lamp due to the possibility of temporary glare.
- The lamp must be connected to power sources according to the nameplate (indication of the operation of the source on the ceiling cover: main - green LED and emergency - orange LED).
- The lamp must be connected to a power source according to the nameplate.
- The lamp is not intended for use in potentially hazardous areas, e.g. where there is an explosion hazard.
- Do not place foreign objects on the lamp components as this may lead to a loss of hanging stability or danger during operation.
- It is forbidden to store the lamp with discharged batteries.
- Do not use bleaching agents - containing active chlorine or oxygen - for cleaning and disinfection.
- Do not use any agents whose ingredients destroy their structure to wash plastic parts.

- A lamp set consisting of two OL-01 canopies can generate irradiance of more than 1000W/m² (at maximum Ec).

- If the product will not be used for an extended period of time, it should be stored under the following environmental conditions:

- temperature: 25°C (77°F) ± 10°C (18°F)
- humidity: 50% ± 25%

The product must be switched off during storage. The switch must be in the "0" position. For prolonged storage, it must be connected to the power supply for 24 hours every 6 months to recharge the batteries. The product must not be stored when the batteries are discharged (the red LED on the panel lights up).

- The product is designed to be installed and operated only indoors with the following environmental conditions:

- temperature: 25°C (77°F) ± 10°C (18°F)
- humidity: 50% ± 25%
- atmospheric pressure: 700 to 1060 hPa

Failure to comply with the above requirements for cleaning and disinfection in particular will result in the loss of the product warranty.

1.3. Technical parameters

Parameters of InfiMED NEXUS operating lamps:	OL-01	OL-02
Light intensity Ec	160 000lx	130 000lx
Light intensity control	5 - 100%	5 - 100%
Colour temperature Tc unadjusted	4300K (4800K)*	4300K (4800K)*
Colour temperature Tc adjustable	3700-5000K*	3700-5000K*
Light field diameter d10 at Ec	240mm (180-400mm, 240-340mm)*	240mm (180-400mm, 240-340mm)*
Operating range	600 - 1500mm	600 - 1500mm
Illuminance (L1+L2)	1300mm	1300mm
Colour rendering index [Ra(1-8)].	>95 (>97)*	>95 (>97)*
Red colour rendering index [R9].	>94	>94
Maximum irradiance Ee	<600W/m ²	<500W/m ²
Endoscopic illumination with adjustable intensity	green light (white)*	green light (white)*
Canopy surface temperature	<40,00°C	<40,00°C
Temperature rise in the head area of the operator	<1,00°C	<1,00°C
Primary side supply voltage	90-250V AC	90-250V AC
Power consumption (+_10%)	110W	80W
Supply voltage of luminaire heads	24-28V DC	24-28V DC
Lamp life	>60 000h	>60 000h
Degree of protection of luminaire head	IP54	IP54
Period of use	10 years	10 years

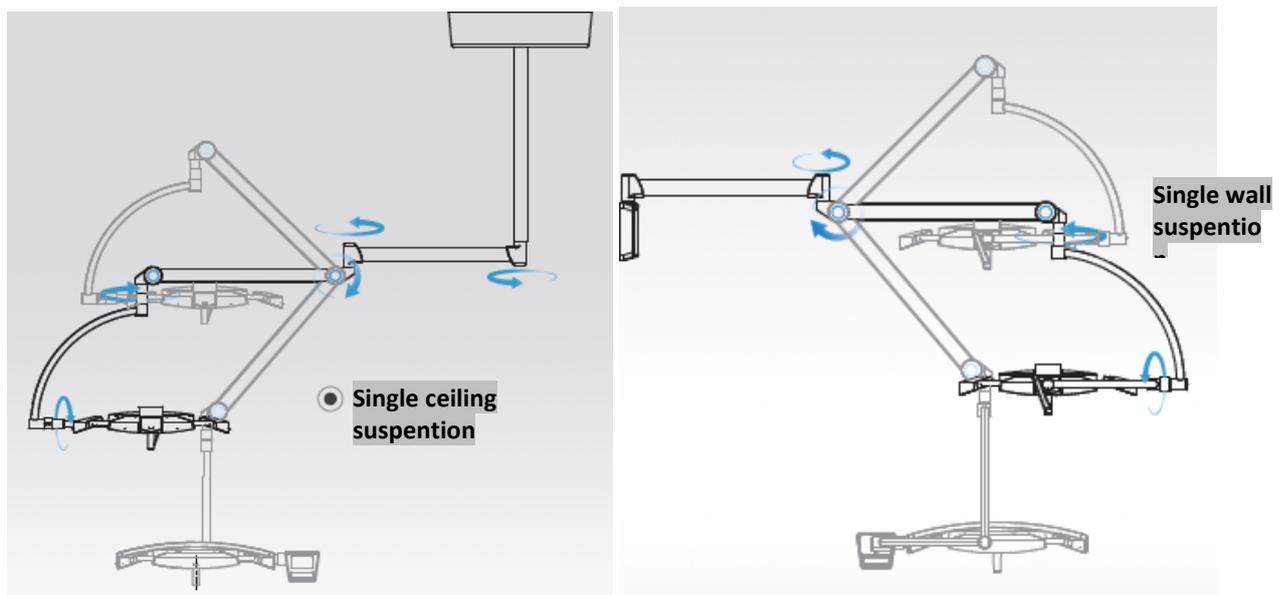
* - additional design versions

Camera specifications	Description
Sensor	1/2 .8 type Exmor CMOS sensor
Pixel count	Okolo 2 Megapixels
Digital zoom	Min 10x
Optical zoom	Min 20x
Viewing angle	54.1° do 2.9°
Synchronisation system	Internal
Shutter	1 /2 to 1/10,000 s, adjustable in 21 steps
White balance	Automatic
Focus adjustment	Automatic
Exposure	Automatic, shutter/aperture adjustment
Video output parameters	
Lens	20x optical zoom, f=4.7 mm (wide) – 94.0 (tele), f1.6 do f3.5
S/N ratio	>50 dB
Signal type	HD: 1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 720p/50, 720p/29.97, 720p/25, SD: NTSC/PAL

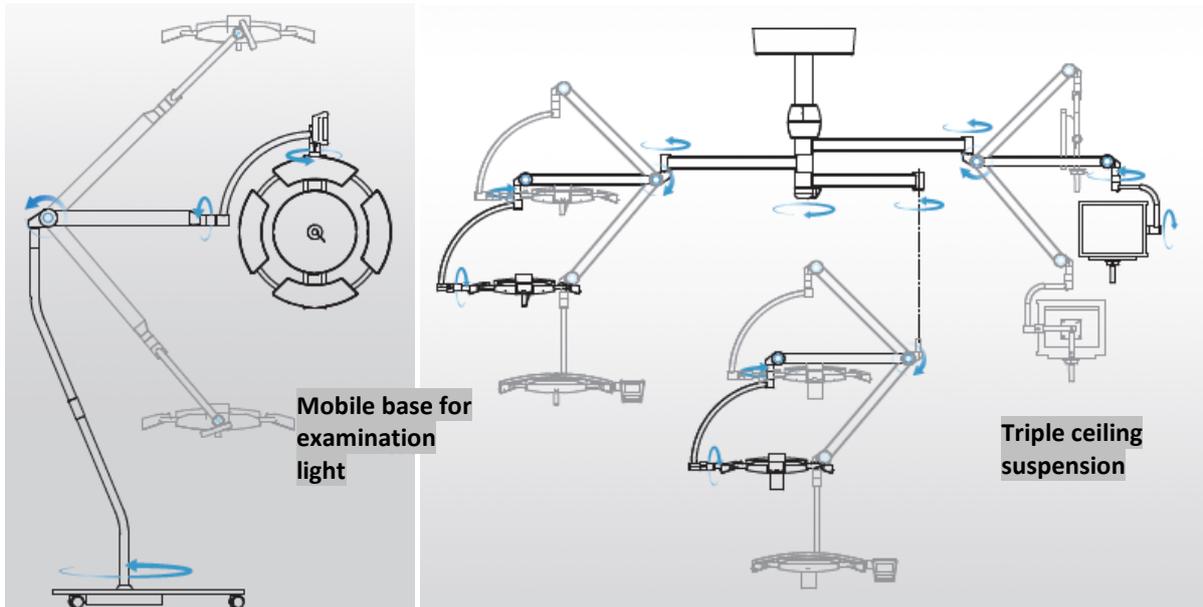
On special request, it is possible to manufacture a product with modified technical parameters that do not compromise its safety.

NEXUS OT-01 and OT-02 lamp configurations

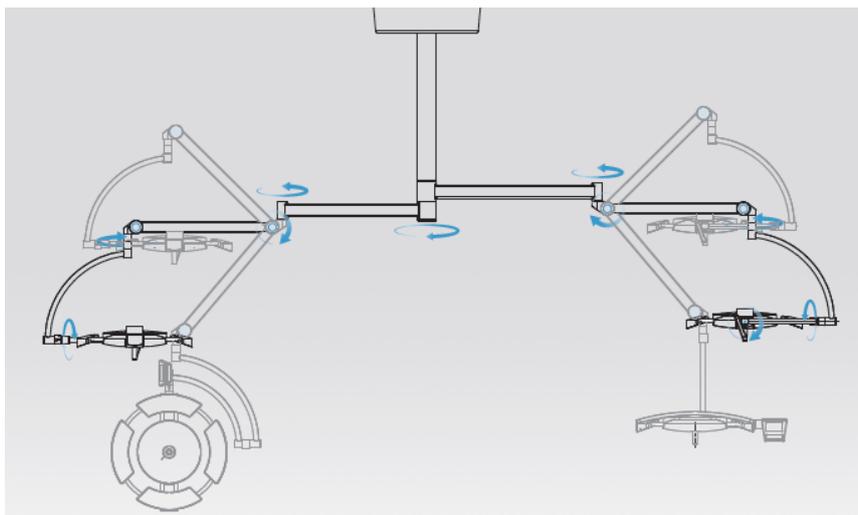
Single suspentions



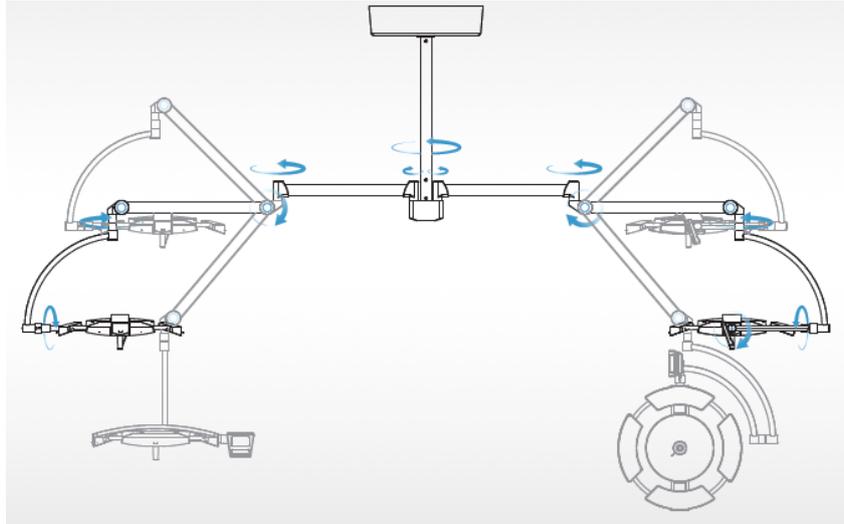
Mobile and triple sling (two arms $n<360^\circ$ and one $n\times 360^\circ$)



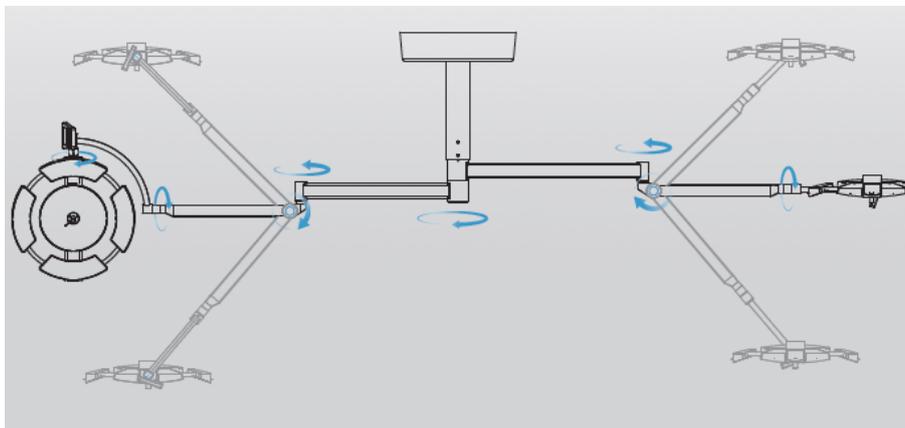
Double ceiling suspension (two arms $n\times 360^\circ$)



T-type double sling (two arms $n<360^\circ$)



Double sling for low spaces (two arms nx360°)



1.4. General requirements

The product should be used, operated and serviced in accordance with the principles of this manual.

The lamp is intended for installation and operation in closed rooms only. The use, operation and servicing of the lamp contrary to the instructions in this manual is strictly prohibited and may lead to danger and irreparable damage through the fault of the user, for which the manufacturer is not responsible. Any interference with the components of the lamp contrary to the instructions and the use of accessories other than those offered by the manufacturer may only be permitted with the written consent of the manufacturer. The user must ensure that all persons operating the product have read, understood and adhered to these operating instructions. Furthermore, he is obliged to ensure that the lamp is used only for its intended purpose and under conditions suitable for this. The user is obliged to ensure that all necessary measures are taken to ensure safe and appropriate operation of the device, to prevent any risk to his own life and health as well as that of patients and third parties. Przechowywanie - jeśli produkt nie będzie użytkowany przez dłuższy okres czasu powinien być przechowywany w następujących warunkach środowiskowych:

- temperature: 25°C (77°F) ± 10°C (18°F)

- humidity: 50% ± 25%

The product must be switched off during storage. The switch must be in the "0" position. For prolonged storage, it must be plugged in every 6 months for 24 hours to recharge the batteries. The product must not be stored when the batteries are discharged (the red LED on the panel lights up).

The product is intended to be installed and operated only indoors with the following environmental conditions:

- temperature: 25°C (77°F) ± 10°C (18°F)

- humidity: 50% ± 25%

- atmospheric pressure 700 do 1060 hPa

A temperature change of no more than 20°C in 12 hours is permitted.

During transport, storage and unpacking of the product, the temperature change must not be greater than 10°C per hour. Do not unpack the product before it has reached the temperature of the room intended for installation. In the event of significant temperature differences between the transport temperature and the temperature of the room in which the product is to be operated, the product must be left for a minimum of 12 hours to equalise the temperature level. After this period, commissioning can commence. If the product is to be transported under specific conditions (low ambient temperature), the transport and protection methods must be agreed with the manufacturer.

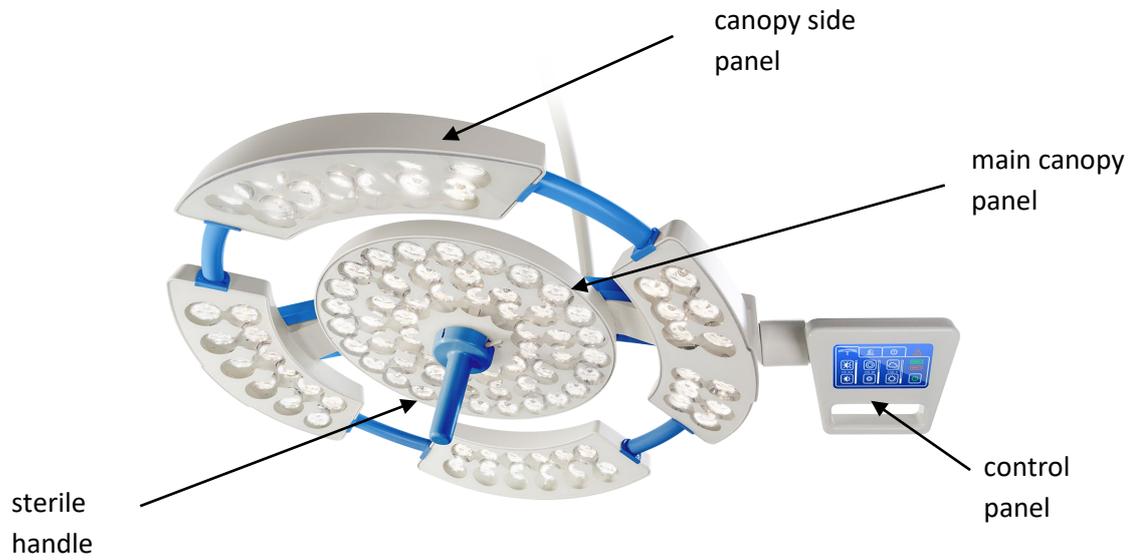
1.5. Description of the product

Infimed NEXUS OL-01 and OL-02 series surgical lamps use LEDs as the light source. They are designed to illuminate the treatment field during procedures and surgical operations. They are characterised by very good, consistent technical parameters, low thermal radiation or long operating times. OL-01 and OL-02 operating lamps provide high light intensity and colour rendering index values. The lamp parameters can be adjusted via the sterile handle (optionally with non-contact function switching), via the integrated control panel and via external controllers - the Opera system or wireless control panel. The control panel allows adjustment of illumination intensity, field diameter, colour temperature adjustment and endoscopic lighting operation. The control panel can be optionally manufactured with an automatic intensity control system depending on the ambient brightness level of the lamp or with synchronised multi-canopy control. The low weight of the lamp canopy and the brackets used in it allow easy positioning of the lamp and stable positioning. The sealed, environmentally resistant design guarantees easy disinfection and maintenance.

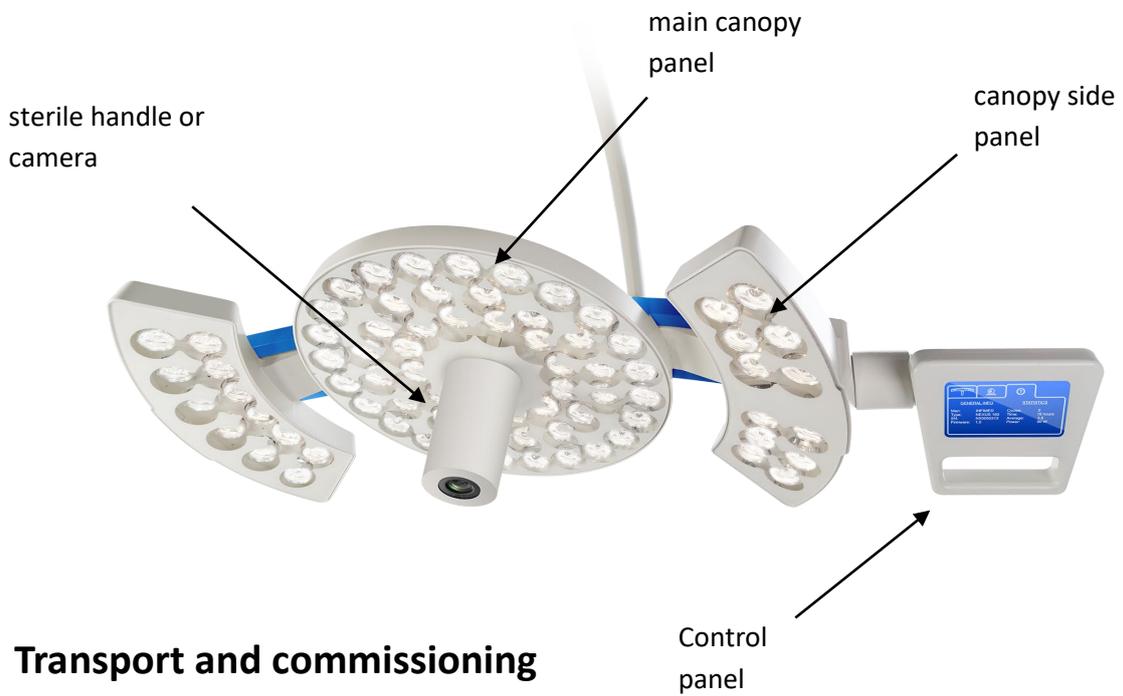
The OL-01 and OL-02 series operating lamps are offered in three mounting versions: ceiling, wall and mobile. The operating lamps can be optionally equipped with a camera to monitor and record operations.

1.6. Description of the construction of exemplary versions of the lamps

NEXUS OL-01



NEXUS OL-02



2. Transport and commissioning

2.1. Transport

The product may be transported by all generally available covered means of transport. During transport, the product must be protected from moisture and dust and immobilised. During transport and storage, the temperature should be between -10 and +60 degrees C and the humidity 20-60%. When unpacking the product, the temperature change must not be greater than 8-10°C per hour. The product should not be unpacked before it has reached the temperature of the room intended for its installation. If there is a significant temperature difference between the transport temperature and the temperature of the room in which the product is to be operated, the product must be left for a minimum of 12 hours to even out the temperature level. Where there is no clear indication on the transport packaging, the products must not be stacked in layers. If the lamp is to be transported under specific conditions (low ambient temperature), the transport and protection methods must be agreed with the manufacturer.

2.2. Unpacking and initial start-up

The lamp is supplied by the manufacturer in a box. The lamp must not be unpacked outside the building.

Preparing the lamp for operation should be done according to the following sequence:

- a) Make sure that the transport packaging has been stored long enough in the room where the lamp is to be used.
- b) Open transport packaging and remove protective material of lamp parts
- c) Fix the ceiling tile system to the existing ceiling according to the Building Preparation Manual for Infimed lamps
- d) Fix the lamp arm system, depending on the version of the lamp (assembly in accordance with the manufacturer's Installation Manual for arms to the ceiling plate)
- e) Fix the lamp in the arm holder
- f) Connect the lamp with the power supply circuit, then connect the circuit to the mains
- g) Carefully read the instructions for use
- h) Check the operation of the mechanical suspension system of the lamp

If the product is not fully operational, i.e. the parameter values obtained differ from those specified in the instructions, it must not be used. This must be reported to the manufacturer or his representative. The use of an inoperative lamp may lead to damage, which is the responsibility of the user and for which the manufacturer is not liable.

If the product will not be used for a long period of time, it should be stored under the following environmental conditions:

- temperature: 25°C (77°F) ± 10°C (18°F)

- humidity: 50% ± 25%

The product must be turned off during storage. The switch must be in the "0" position. For prolonged storage, it should be plugged in every 6 months for 24 hours to recharge the batteries. The product must not be stored when the batteries are discharged (the red LED on the panel is lit).

The product is designed to be installed and operated only indoors with the following environmental conditions:

- temperature: 25°C (77°F) ± 10°C (18°F)

- humidity: 50% ± 25%

- atmospheric pressure: 700 to 1060 hPa

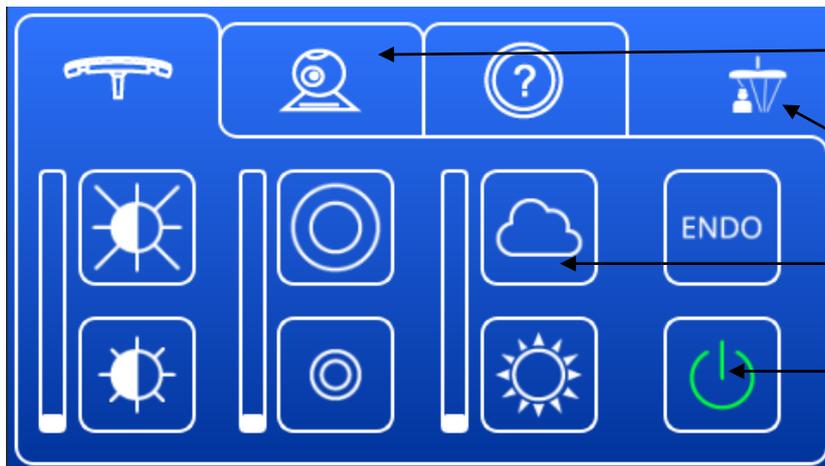
3. Operation and performance

3.1. Control panel (example version of LCD touch panel and keypad)



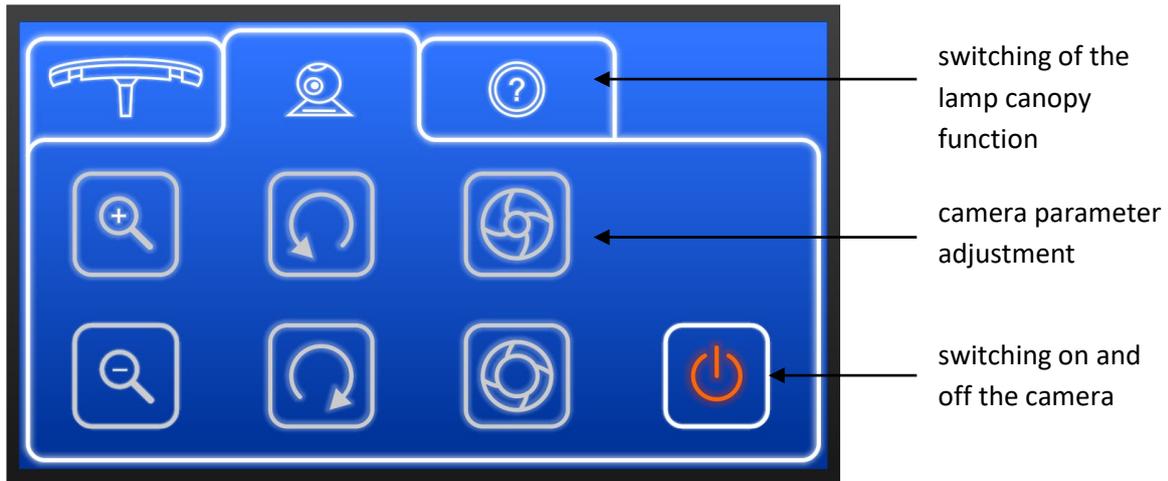
LCD touchscreen panel

Lamp parameter control panel



- switching of the lamp canopy function
- shadowless function (green on, white off)
- adjustment of lamp canopy parameters
- switching on and off the lamp

Camera control panel



Functions adjustable from the panel:

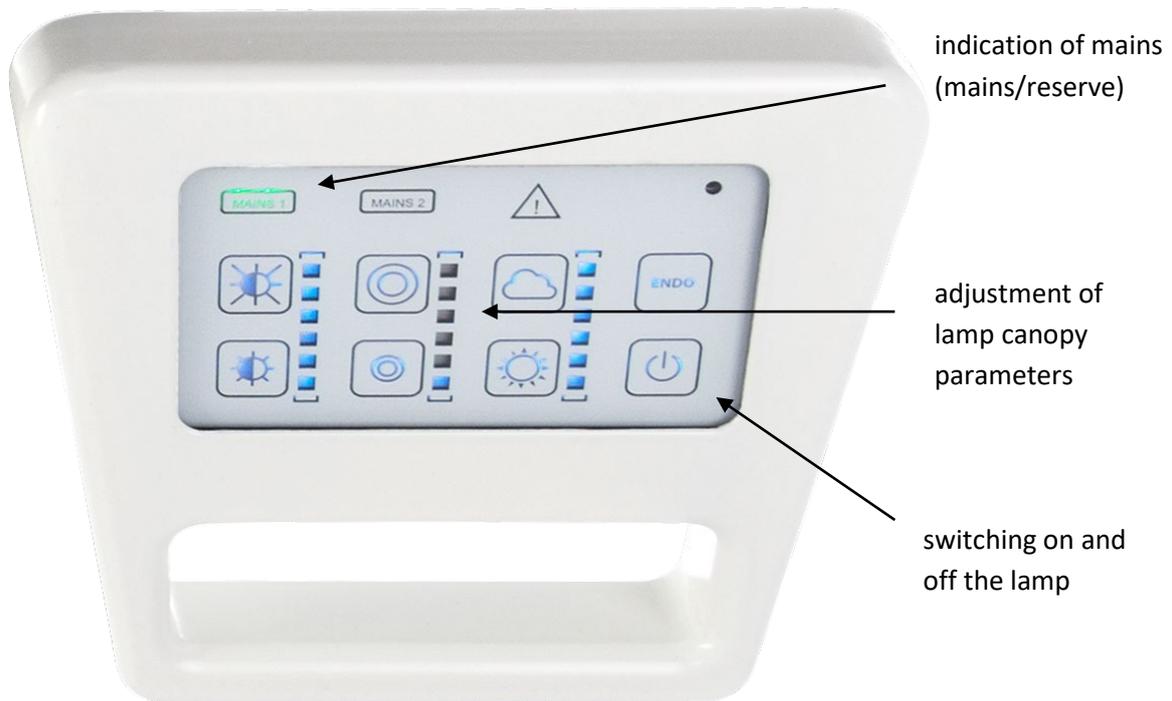
- zoom,
- camera rotation
- manual and auto iris

External wireless controller - providing remote control and lamp parameter settings:

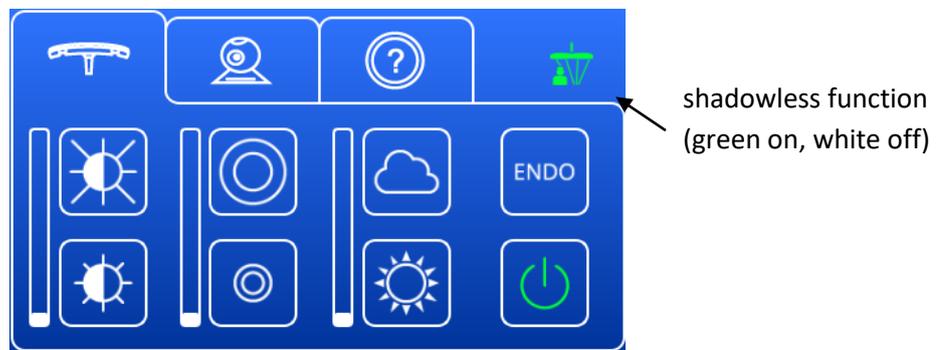
- switching on and off,
- adjustment of light intensity,
- adjustment of colour temperature,
- adjustment of light field diameter,
- synchronised control of the parameters of both canopies.



Membrane keyboard



Smart shadowless function (optional extra)

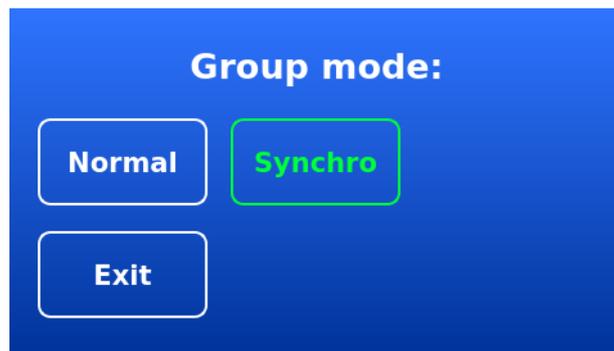


Activation by pressing the symbol in the top right corner triggers the sensors detecting obstacles (e.g. surgeons' heads) - the action is indicated by the green colour. Sensors deactivate light panels obscured by an obstacle above the operating field and increase the remaining ones to maintain light parameters in the operating field. Switching off is achieved by pressing the symbol again - lack of operation is signalled by white colour.

Synchro function (optional extra)



By pressing the canopy symbol (top left corner), the menu for selecting single or group operation (selected marked in green) opens.

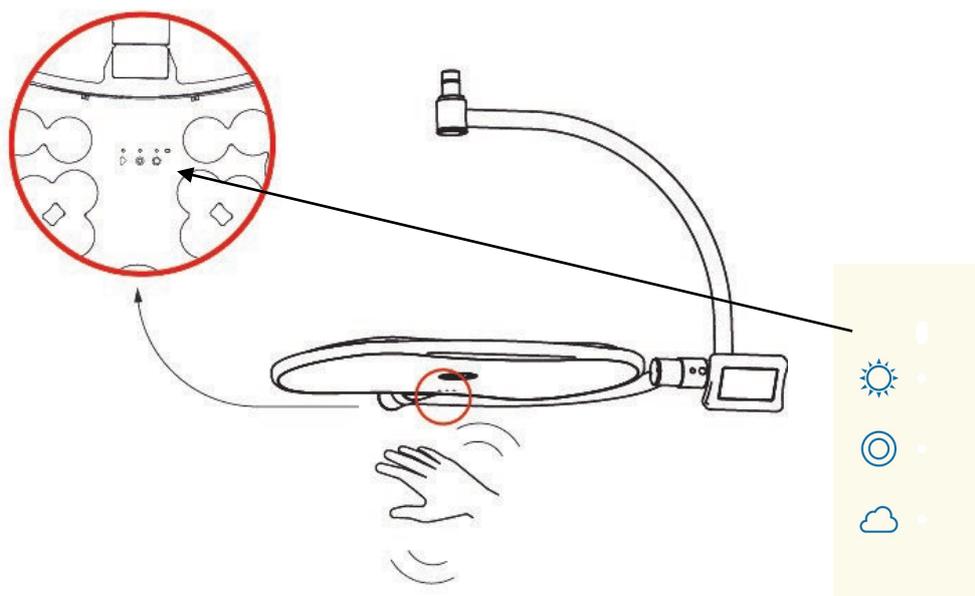


When the Synchro function is activated, changing the parameters of either canopy changes the parameters of both canopies (operation signalled by a double canopy icon).

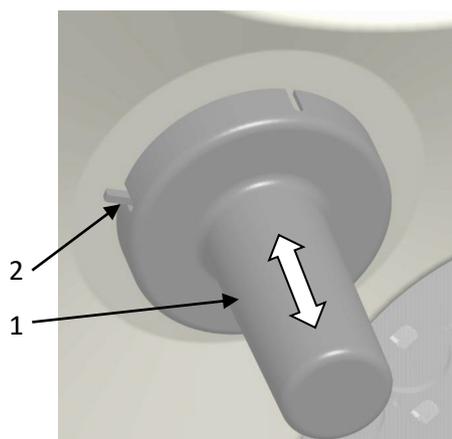
To deactivate, select normal operation (operation signalled by a single canopy icon).

3.2. Adjustment by means of an adjustment handle (optional extra)

When the lamp canopy is switched on, it is possible to change the light parameters of the lamp using the sensor and the sterilised handle. Switching of functions is carried out by moving the hand under the sensor placed in the canopy, in the following order: intensity adjustment, field adjustment, colour temperature adjustment, and the selected function is highlighted in blue.



The light parameters of the selected lamp function can be realised optionally by turning the sterilisable adjustment handle clockwise or anti-clockwise.



To remove the sterilizable holder, press the latch button (2) and, keeping it pressed, pull the holder downwards.

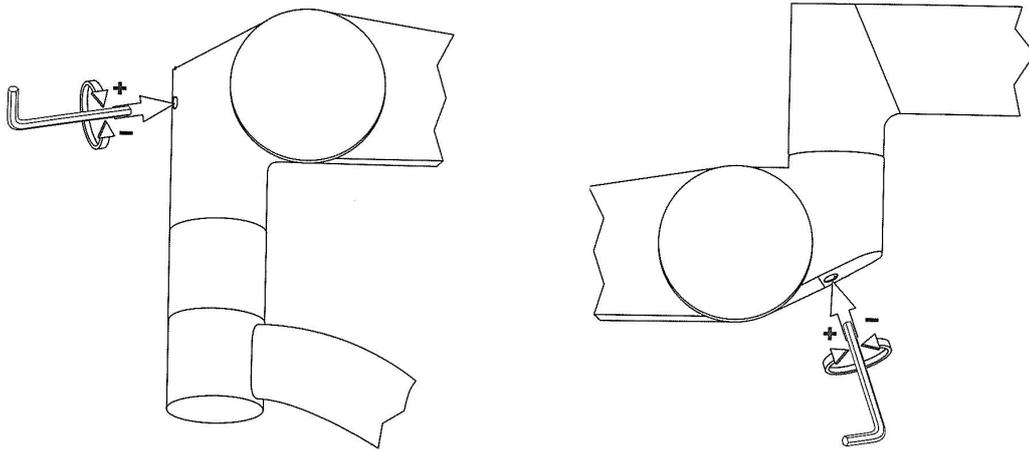
To install the holder, slide the holder (1) onto the guide until the latch (2) engages.

3.3. Canopy positioning in relation to the spring arm

ONDAL production arms

The following are used for positioning the lamp bowl: a sterilisable adjustment handle and lamp positioning handles on the edges of the lamp bowl. The height of the lamp is determined by the movement possibilities of the lamp suspension arms. The tension force of the arm can be adjusted. To reduce the tension force (the arm rises automatically), place the adjustment rod (included in the

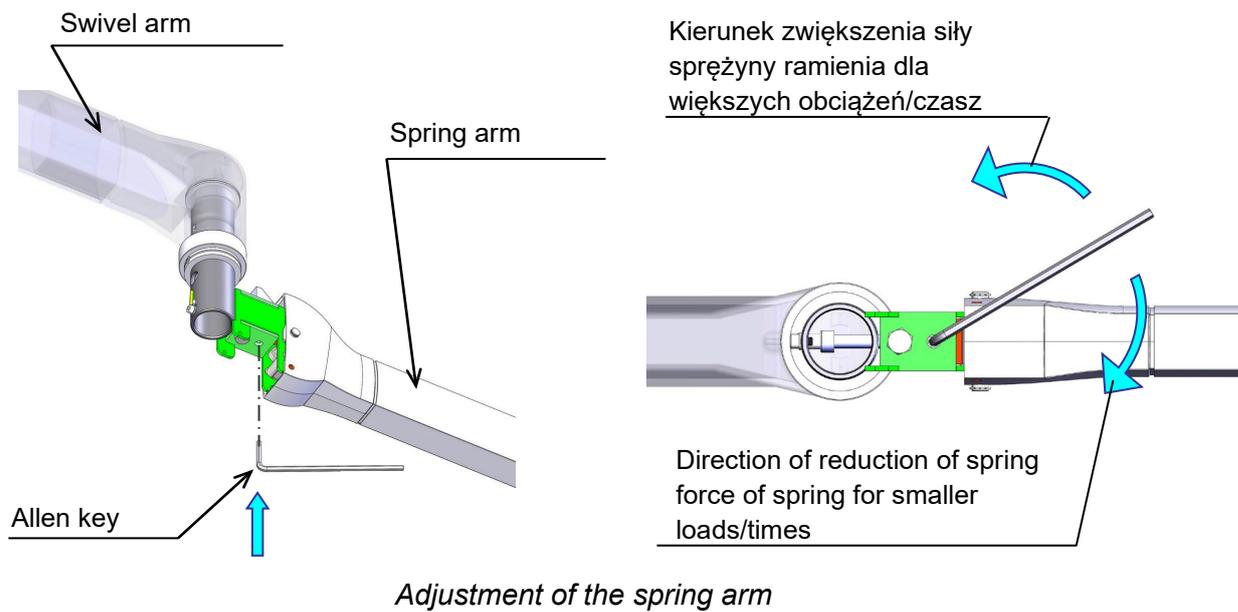
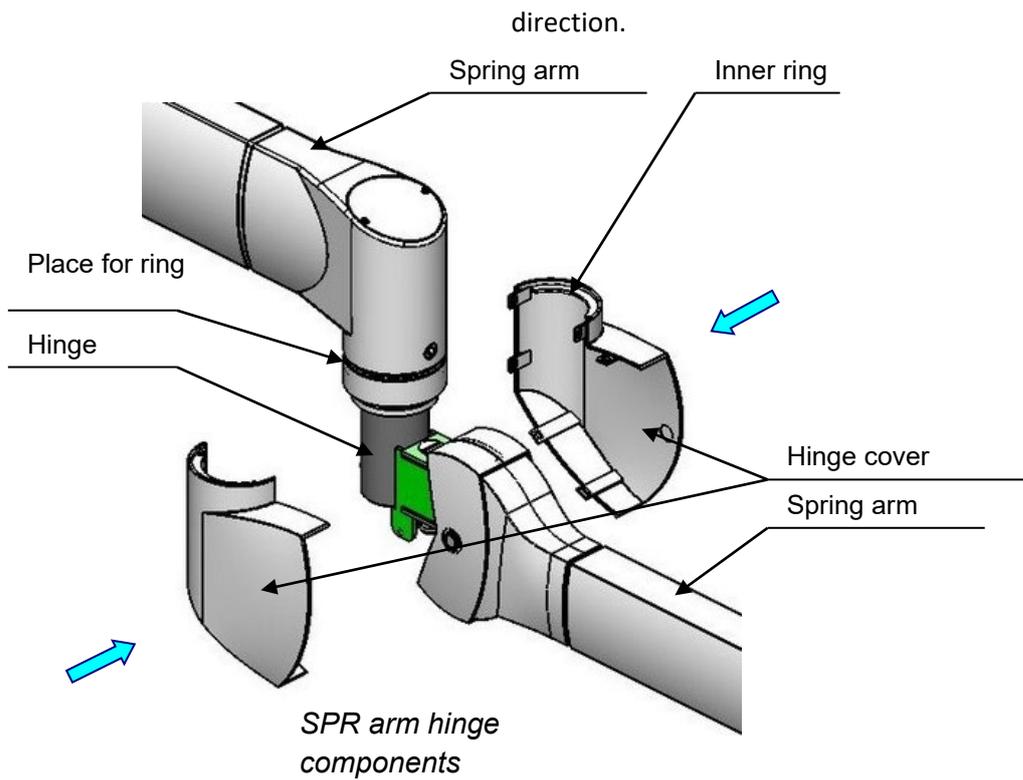
original arm package) in the hole and turn it clockwise (+). When the force is too low (the arm automatically descends), turn the adjustment rod counterclockwise (-).



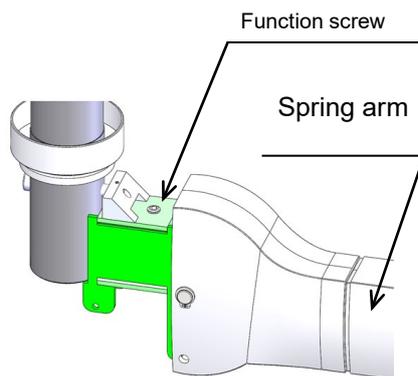
Method of adjusting the tension force and swing range of the Ondal spring arm

Arms of Liberec production

The following are used for positioning the lamp bowl: a sterilisable adjustment handle and lamp positioning handles on the edges of the lamp bowl. The height of the lamp is determined by the movement possibilities of the lamp suspension arms. The tension force of the arm can be adjusted. To reduce the tension force, place the Allen key in the hole (from the bottom of the arm) and turn it in the direction of movement shown below. When the force is too low, turn the Allen key in the opposite



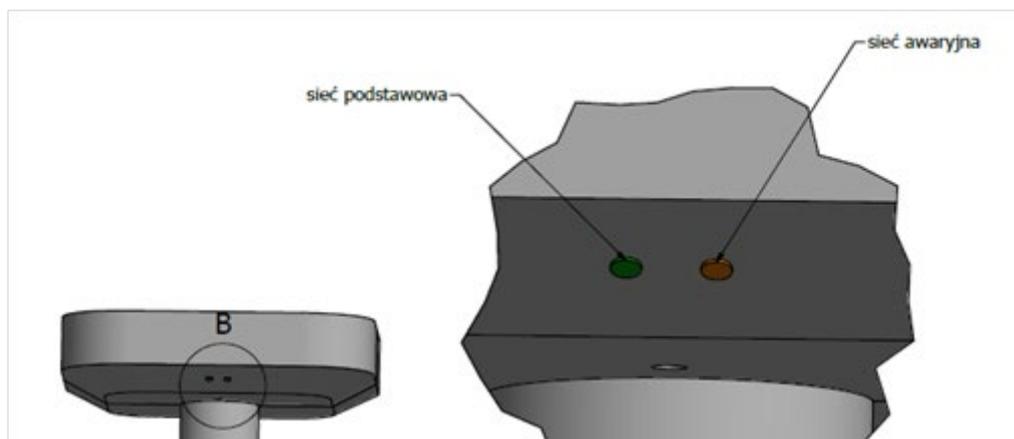
Do not adjust the function screw. It must be screwed in, it is not for adjustment.



Location of the function screw

4. Mains power and battery charging

Mains power is signaled on the ceiling cover: lit green LED - working mains, orange LED - working emergency mains.



If the lamp is equipped with a charger for charging the batteries contained in the lamp, it should be connected to a power supply network with power parameters identical to those specified on the nameplate. The charging system is switched on by inserting the appropriate end of the power cord into the socket located in the lamp housing, inserting the plug of the cord into the power socket and pressing the switch located in the lamp housing from the 0 to 1 position.

Do not perform operations while the batteries are charging.

On the control panel or power panel, there is a built-in LED indication of the state of charge of the batteries. When the green LED is lit, there is no need to charge. As the energy level in the batteries decreases, more LEDs will additionally light up and go out. The following indications may occur:

Green diode - batteries charged

Orange diode - battery capacity at 60% - charging can be connected

Red diode - capacity below 30% - absolutely connect the power supply to the batteries

The charging process can be started already at the level of the orange diode light.

After connecting the power supply, the green diode will light up. It is necessary to charge the batteries min. 6 h. In case the batteries are charged in a shorter time, the process will end automatically. In the event that the user completes the charging process earlier after disconnecting the power supply, those LEDs corresponding to the degree of charge of the batteries will light up.

The nominal operating time of the batteries is about 3 hours. However, this period may be reduced depending on the intensity of use of the lamp.

Do not store the lamp with discharged batteries.

When replacing batteries, always replace a set.

Excessive charging of the batteries may eventually lead to a shortened battery life.

Do not store the lamp with discharged batteries - if you do not use the product for more than a week, turn off the mains switch, and after a longer period of non-use of the product, recharge the batteries - at least once every six months.

5. Risk of collisions

When moving lamp arms, avoid collisions between lamp arms or lamp bowls, as well as with other equipment in the operating room.

Operate the lamp deliberately with care and full responsibility.

6. Performance evaluation

Before each first start-up and use of the lamp on a given day, it is necessary to evaluate the correctness of its operation.

How to evaluate the state of correct operation:

- check the smoothness of movement by trying to move the lamp manually
- check for mechanical clearances by manually moving the lamps and arm system
- check the functioning of the electronic system by performing all movements controlled from the control panel and the sterilized handle
- check that the arms do not drop or raise spontaneously

When no inaccuracies or damages are detected during the test carried out in this way, and no disturbing sounds were heard by the user during the tests, the lamp can be used. Otherwise, refer to the troubleshooting section.

In the event that the lamp is not completely case then it must not be used. This fact must be reported to the manufacturer or its representative. Use of an inoperative lamp may lead to damage, which is the responsibility of the user and for which the manufacturer is not responsible.

7. Damage and defects

Damage and defects detected in the product by operating personnel should be immediately reported to the person responsible for the state of technical maintenance at the facility. This person, having carefully recognized the possible defect and its cause, is obliged to contact the service center or the manufacturer for consultation and possible instructions for further action. A product that cannot be used safely (mechanical, electrical damage) must not be used until it is repaired.

8. Washing and disinfection

For cleaning and disinfection, use cleaning agents that do not contain active oxygen or chlorine in their composition. After disinfection, rinse the device with distilled water to eliminate streaks. Use a dry soft sterile cloth for thorough drying.

Before disinfection, it is essential to disconnect the power cord.

For washing plastic parts, do not use any agents whose components destroy their structure.

The removable sterilizable adjustment handle is made of material resistant to high-temperature sterilization conditions. The handle must be cleaned, disinfected and sterilized, both before the first use and before each subsequent use. The holder should be sterilized upright, in an autoclave at up to 134 degrees C for up to 5 minutes. The holders can be sterilized up to 100 times, after this period the holders should be replaced with new ones.

The apertures of the lamp diodes are made of polycarbonate, which can be cleaned using standard cleaning agents in the form of a solution with concentrations specified by the manufacturer. Do not dry wipe the polycarbonate, use scouring agents or use agents with alcohol content above 20%. After cleaning, wipe the apertures with an anti-static agent.

A list of disinfectants can be found in Appendix 1 to the instructions.

Failure to comply with the above requirements will void the product warranty.

9. Maintenance, inspection and repair

All repairs to the product are carried out by the relevant service center or the manufacturer's direct representative. The user is not entitled to make any modifications and repairs to the product himself without special training and authorization. After the customer obtains the manufacturer's written permission for any repair to be carried out by the customer's technical personnel, the manufacturer will provide all necessary information needed to carry out the repair.

To ensure long and trouble-free operation of the lamps, use only original parts supplied by the manufacturer.

Due to the fact that the product contains components that may pose a threat to the environment, the handling of used parts must be in accordance with environmental regulations.

When replacing batteries, the manufacturer is obliged to take them back.

All repairs, inspections and maintenance should be recorded in the Card of performed repairs and maintenance attached to the product manual (Appendix 2).

10. Condition checks and inspections

To ensure the maintenance of the proper technical condition of the product, during the period of its use, the user is obliged to subject it to periodic technical inspections. Inspections are performed by an authorized service center or by a direct representative of the manufacturer. The inspection is carried out at the expense of the user.

Only a positive result of the inspection can be the basis for further use of the lamp.

Every 12 months you should perform:

- check of the general technical condition
- functional check
- check of electrical installation

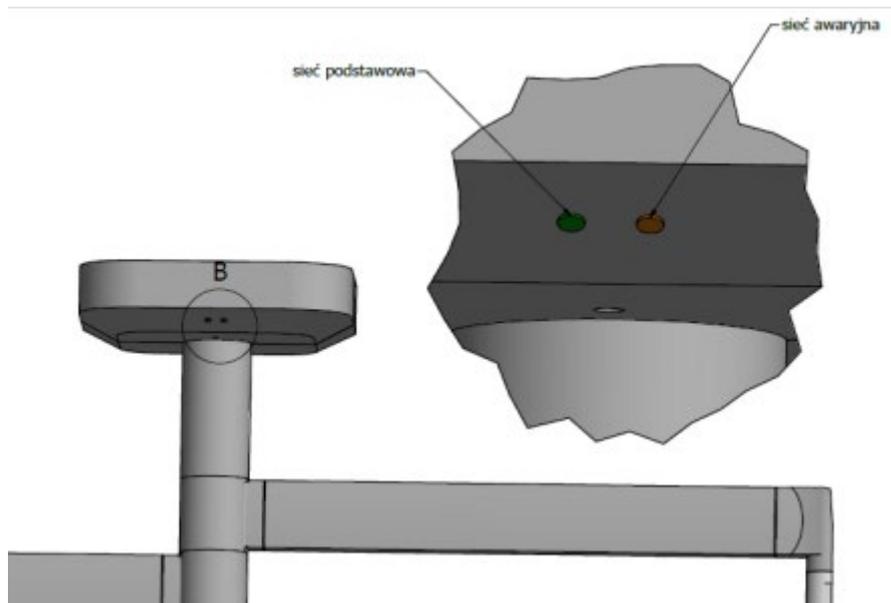
To ensure the correct safe operation of the lamps, the user should check the technical condition of the device at least once every 6 months. In this case, follow the following sequence:

- a) perform all functional movements of the carrier arms checking the effectiveness of the brakes, tension forces of the tilt arms, safety devices on the rotary nodes
- b) check the condition of the sterilized handle and the operation of its attachment mechanism
- c) check the condition of the lamp canopy - the condition of the shutters, the functioning of the control systems, etc.
- d) check the condition of the protective ground wire

11. Removal of potential defects

a) the lamp does not light

- check the level of charge of the batteries in the mobile version and the state of the fuses,
- check the status of the networks supplying power to the lamp (indication of operation on the ceiling cover: main - green diode and emergency - orange diode) - the diodes do not light up lack of power supply to both networks.



b) insecure attachment of sterilizable holders

- replace the holder with a new one

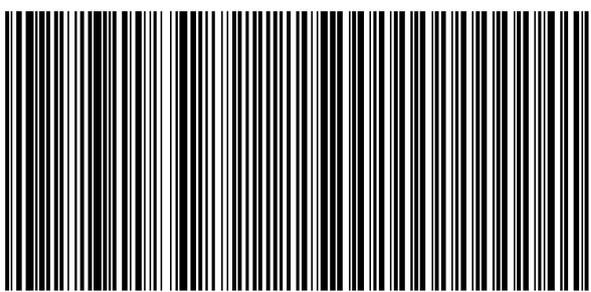
If in doubt, contact the manufacturer for necessary assistance and clarification.

12. Liquidation of the product

The user, deciding to stop using the product, is obliged to disinfect it (a product that is not disinfected in accordance with current environmental regulations is hazardous waste).

13. Lamp labels

NEXUS OL-01 and OL-02 operating lamp marking:

12.12	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;">Sposób ładowania akumulatorów</p> <p>Oznaczenie sygnalizacji</p> <ul style="list-style-type: none"> • Dioda zielona - akumulatory naładowane • Dioda pomarańczowa - ok. 50% stan naładowania akumulatorów • Dioda czerwona - niski stan naładowania akumulatorów - bezwzględna konieczność podłączenia do ładowania. <p>Instrukcja ładowania</p> <p>Podłączyć przewód sieciowy do gniazda w podstawie stołu. Przelączyć przełącznik w położenie 1. Czas pełnego ładowania min. 3 godziny. Po zakończeniu ładowania odłączyć przewód zasilający.</p> <p>W przypadku planowanego dłuższego nieużywania stołu, należy w pełni naładować akumulator a następnie przelączyć przełącznik w pozycję 0.</p> <p>Przechowywanie stołu z rozładowanym akumulatorem grozi uszkodzeniem akumulatora.</p> </div>	Safety Manual						
12.13	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"> INFIMED</p> <p style="text-align: center;">Produced for INFIMED Sp. z o.o. 34-300 Żywiec, ul. Kabaty 1; POLAND by MCD Electronics Sp. z o.o. 34-300 Żywiec, ul. Lelewela 26; POLAND</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">    </td> <td style="width: 70%;"> Symbol: Lampa operacyjna NEXUS OL-01 </td> </tr> <tr> <td style="text-align: center;"> SN  0 3 0 2 7 8 7 1 0 4 </td> <td style="text-align: center;"> 110W / 100-260V~ 50/60Hz </td> </tr> <tr> <td style="text-align: center;">  2013-09 </td> <td></td> </tr> </table> </div>	  	Symbol: Lampa operacyjna NEXUS OL-01	SN  0 3 0 2 7 8 7 1 0 4	110W / 100-260V~ 50/60Hz	 2013-09		Nameplate
  	Symbol: Lampa operacyjna NEXUS OL-01							
SN  0 3 0 2 7 8 7 1 0 4	110W / 100-260V~ 50/60Hz							
 2013-09								
	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"> INFIMED</p> <p style="text-align: center;">Produced for INFIMED Sp. z o.o. 34-300 Żywiec, ul. Kabaty 1; POLAND by MCD Electronics Sp. z o.o. 34-300 Żywiec, ul. Lelewela 26; POLAND</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; text-align: center;">    </td> <td style="width: 70%;"> Symbol: Lampa operacyjna NEXUS OL-02 </td> </tr> <tr> <td style="text-align: center;"> SN  0 3 0 2 7 8 7 1 0 4 </td> <td style="text-align: center;"> 90W / 100-260V~ 50/60Hz </td> </tr> <tr> <td style="text-align: center;">  2013-09 </td> <td></td> </tr> </table> </div>	  	Symbol: Lampa operacyjna NEXUS OL-02	SN  0 3 0 2 7 8 7 1 0 4	90W / 100-260V~ 50/60Hz	 2013-09		Nameplate
  	Symbol: Lampa operacyjna NEXUS OL-02							
SN  0 3 0 2 7 8 7 1 0 4	90W / 100-260V~ 50/60Hz							
 2013-09								
12.14		Equipotential bonding						
	<p>NEXUS OL- 01</p>  <p>(01) 059043846981X7 (11) 000000 (21) XXXXXXXXXXXX</p> <p style="font-size: small;"> Prefix Krajowy Prefix firmy Cyfra kontrolna Data produkcji (YYMMDD) Numer seryjny Lampa operacyjna NEXUS </p>	CODE UDI-DI-PI OL-01						

TRICHLOROL	+	+	MEDILAB Sp. z o.o. st. Niedzwiedzia 60 15-531 Białystok phone/fax: (85) 7479300 phone/fax: (85) 7479301
SURFANIOS PREMIUM	+	+	
NEOFORM MED RAPID	+	-	DR WEIGERT POLSKA Sp. z o.o. st. Wybrzeże Gdynskie 6D 01-531 Warszawa phone: +48 (22) 6160223, 6160231
INCIDIN ACTIVE	+	+	Ecolab Sp. z o.o. st. Opolska 114 31-323 Kraków Phone.: 48-12-2616 100 Fax.: 48-12-2616 101
INCIDIN FOAM	+	+	
TERRALIN PROTECT	+	+	Schulke Polska Sp. z o.o. st. Rydygiera 8 01-793 Warszawa phone : (022) 568-22-02 (022) 568-22-03 Fax: (022) 568-22-04
PERFORM	+	-	
DESCOCID	+	-	Antiseptica Dr. Hans-Joachim Molitor GmbH Carl-Friedrich-Gaus-Strase 7, D-50259 Pulheim phone. +49 (0) 2234-98466-0 fax +49 (0) 2234-98466-11
ANTISEPTICA KOMBI SPRAY	+	-	
BIG SPRAY NEU	+	-	
VELOX SPRAY	+	+	Medisept Sp. z o.o. st.Konopnica 193 c, 21-030 Motycz phone. +48815352222

Appendix 2

Card of performed repairs and inspections of the product

Type of lamp.....Serial number..... Purchase date.....

Review no.	Date of inspection or repair	Type of review (annual, semi-annual)	The person performing the inspection or repair	Signature of the person performing the inspection or repair	Observations found during inspection or repair
1					
2					

3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					