



# Accesories for Operating Tables

FENIX OT-01 VIVAX OT-02



#### **ACCESORIES FOR OPERATING TABLES**

This catalogue presents the wide range of accessories available for INFIMED operating table.

They were created basing on long experience in designing of medical equipment, hours spent on consultation with medical staff and functional and ergonomy testing.

The accessories haven been sorted according to practical use and surgical disciplines.

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### General surgery positions





### **SUPINE POSITION**





**BEACH CHAIR POSITION** 

LATERAL POSITION AND FLEX





#### **EB-01 One position clamp**

TECHNICAL INFORMATION:

For fixation of the various accesories with rods of 16 mm diameter to the side rail

Made of stainless steel, with a matt finish



#### **EB-02 Multi position clamp**

TECHNICAL INFORMATION:

For fixation of the various accesories with rods of 16 mm diameter to the side rail

Allows radial adjustment of the accesories

Made of stainless steel, with a matt finish



#### **EB-04 Angle arm support**

TECHNICAL INFORMATION:

Height adjustment: 300mm

Distance from table top adjustment: 200mm

Tilting adjustment by ball joint

Made of stainless steel with matt finish and polyurethane foam, with two fixing velcro straps

To be fixed with EB-02 clamp



#### **EB-05 Arm support**

TECHNICAL INFORMATION:

Height adjustment: 100mm

Made of stainless steel with matt finish and polyurethane foam, with two fixing velcro straps



#### **EB-06 Thigh holder**

**TECHNICAL INFORMATION:** 

Height adjustment: 300mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-01 clamp



# EB-07 Side-shoulder support (side support position)

TECHNICAL INFORMATION:

Height adjustment: 230mm

Distance from table top adjustment: 150mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-01 clamp



# EB-07 Side-shoulder support (shoulder support position)

TECHNICAL INFORMATION:

Height adjustment: 230mm

Distance from table top adjustment: 150mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-01 clamp



#### **EB-08 Side support**

**TECHNICAL INFORMATION:** 

Height adjustment: 150mm

Distance from table top adjustment: 150mm

Made of stainless steel with matt finish and polyurethane foam





#### **EB-09 Anesthetic frame**

TECHNICAL INFORMATION:

Height adjustment: 600mm

Made of stainless steel with matt finish

To be fixed with EB-01 clamp



# EB-10 Anesthetic frame with adjustable width

TECHNICAL INFORMATION:

Height adjustment: 500mm

Both side witdth adjustment 200mm Made of stainless steel with matt finish

To be fixed with EB-01 clamp



#### **EB-11 Infusion holder**

TECHNICAL INFORMATION:

Height adjustment: 200mm

Made of stainless steel with matt finish

To be fixed with EB-01 clamp



#### EB-12 Hand (shank holder)

TECHNICAL INFORMATION:

Height adjustment: 300mm

Made of stainless steel with matt finish and polyurethane foam



#### **EB-13 Support for meniscus operation**

TECHNICAL INFORMATION:

Height adjustment: 600mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-02 clamp



## EB-14 Arm support, with horizontal movement

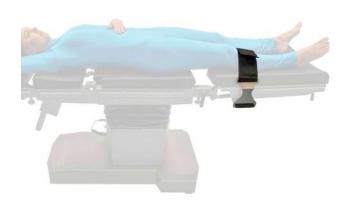
TECHNICAL INFORMATION:

Height adjustment: 300mm

Distance from tabletop adjustment: 200mm

Tilting adjustment by ball joint

Made of stainless steel with matt finish, HPL, foam mattress covered with antistatic artificial leather, fixing velcro straps To be used with EB-01 clamp



#### ES-01 Leg strap ES-02 Thigh strap

TECHNICAL INFORMATION:

Adjustment by velcro: 400mm

Strap width: 100mm

Made of stainless steel with matt finish and polyamide strap



#### **ES-03 Abdominal strap**

TECHNICAL INFORMATION:

Adjustment by velcro: 400mm

Strap width: 100mm

Made of stainless steel with matt finish and polyamide strap





#### **ES-04 Hand strap**

**TECHNICAL INFORMATION:** 

Adjustment by velcro: 400mm

Strap width: 100mm

Made of stainless steel with matt finish and polyamide strap



# ES-07 Holder for additional equipment, mobile

TECHNICAL INFORMATION:

Non-marking wheels with brakes

Hooks and rails for assembly of accessories on rack

Basket in basis

Made of stainless steel with matt finish



#### **ES-08 Holder for arm operations**

TECHNICAL INFORMATION:

Fixed to side rails of operating table

Vertical adjustment of angle against tabletop Distance from tabletop adjustment: 100mm

Height adjustable feet

X-Ray permeable tabletop, dimensions 800x400mm

Made of stainless steel with matt finish, foam mattress covered with antistatic artificial leather



#### **ES-09 Holder for tubes**

**TECHNICAL INFORMATION:** 

Height adjustment: 200mm

Distance from tabletop adjustment: 200mm

Made of stainless steel with matt finish and HPL



#### **ES-10 Tray for additional accessories**

TECHNICAL INFORMATION:

Height adjustment: 400mm

Tray dimensions: 450x250mm

Made of stainless steel with matt finish

To be used with EB-01 clamp



#### **ES-11 X-ray tray**

TECHNICAL INFORMATION:

Height adjustment: 400mm

To be used with X-Ray cassette of width381mm

Installation from head or side

Made of stainless steel with matt finish



#### **ES-12 Chest support**

TECHNICAL INFORMATION:

Height adjustment: 150mm

Distance from tabletop adjustment: 150mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-01 clamp



#### **ES-13 Attachement for knee operation**

TECHNICAL INFORMATION:

Height adjustment: 200 mm

Knee holder adjustment

Made of stainless steel with matt finish and polyurethane foam





#### **ES-14 Pubic support**

TECHNICAL INFORMATION:

Height adjustment: 150 mm

Distance from tabletop adjustment: 150 mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-01 clamp



#### ES-15 Leg support, not-divided

TECHNICAL INFORMATION:

To be fixed to siderails

Made of stainless steel with matt finish and foam mattress covered with antistatic artificial leather

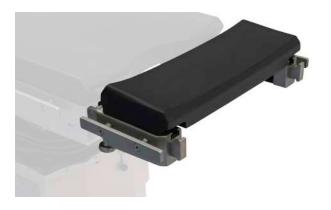


#### **ES-17 Side rail extension**

TECHNICAL INFORMATION:

Extension for side rail for mounting side rail accessories

Made of stainless steel with matt finish



#### **ES-18 Tabletop extension**

TECHNICAL INFORMATION:

To be fixed to siderails

Made of stainless steel with matt finish, HPL and polyurethane foam



#### **ES-19 Strap for anesthetic frame**

TECHNICAL INFORMATION:

To be fixed to anesthetic frame EB-09 or EB-10

Made of polymide strap



#### ES-20 Side extension for bariatric tabletop

TECHNICAL INFORMATION:

To be fixed to siderails

Made of stainless steel with matt finish, HPL and polyurethane foam with artificial letter



#### ES-21 Leg support, divided

TECHNICAL INFORMATION:

To be fixed to siderails

Made of stainless steel with matt finish and polyurethane foam



### Gynaecology Urology Proctology Positions





### **GYNEACOLOGICAL SURGERY**



PROCTOLOGICAL (KNEEL) SURGERY

### Gynaecology Urology Proctology Accesories



#### **EB-03 Knee support**

TECHNICAL INFORMATION:

Height adjustment: 100mm

Made of stainless steel with matt finish and polyurethane foam

To be fixed with EB-02 clamp



#### **ES-05 Gyneacological bowl**

TECHNICAL INFORMATION:

Fixed instead of the leg supports

Adjustable horizontal position and rotation

Bowl capacity: 4 litres

Made of stainless steel with matt finish



#### **ES-06 Urological bowl**

TECHNICAL INFORMATION:

Fixed instead of the leg supports

Adjustable horizontal position and rotation

Bowl capacity:4 litres, with rubber outflow

Made of stainless steel with matt finish



#### **ES-16 Proctological attachement**

**TECHNICAL INFORMATION:** 

Height adjustment: 200mm

Kneeling chair, without clamp, fixed to side rails

Abdominal support to be used with 2 pcs of EB-02 clamps

Made of stainless steel with matt finish, HPL and polyurethane foam



### Neurosurgery Laryngology Ophthalmology Positions



### **NEUROSURGICAL SURGERY - SUPINE POSITION (WITH DORO NEUROSURGICAL ATTACHEMENT)**



**NEUROSURGICAL SURGERY - SITTING POSITION (WITH DORO NEUROSURGICAL ATTACHEMENT)** 

### Neurosurgery Laryngology Ophthalmology Accesories



#### **EA-01 Adapter for specialistic head rest**

**TECHNICAL INFORMATION:** 

Neccesary to fix to the operating table to use DORO neurosurgical attachement or any of specialistic head rest

Made of stainless steel with matt finish



## **EN-01 Specialistic head rest with adjustable track**

**TECHNICAL INFORMATION:** 

Fixed to the adapter EA-01

Height adjustment 150mm, angle adjustment to the table top

Adjustment of the distance from the tabletop: 250mm

Made of stainless steel with matt finish and polyurethane foam



#### **EN-02 Specialistic head rest, horseshoe**

TECHNICAL INFORMATION:

Fixed to the adapter EA-01

Height adjustment 150mm, angle adjustment to the table top

Adjustment of the distance from the tabletop: 250mm

Made of stainless steel with matt finish and polyurethane foam



#### **EN-05 Arm support**

TECHNICAL INFORMATION:

Height adjustment: 300mm

Distance from tabletop adjustment: 200mm

Tilting adjustment by ball joint

Made of stainless steel with matt finish, HPL, foam mattress covered with antistatic artificial leather, fixing velcro straps To be used with EB-01 clamp





#### **DORO** neurosurgical attachement for laying position

TECHNICAL INFORMATION:

To be fixed to adapter EA-01

#### Including:

- Adjustable Base Unit 3001-00
- Swivel Adaptor 3002-00
- QR3 Skull Clamp 1001.001
- Reusable Skull Pins Pediatric 3004-00 (3 pcs)
- Reusable Skull Pins Adult 3005-00 (3 pcs)



#### DORO neurosurgical attachement for sitting position

TECHNICAL INFORMATION:

To be fixed to side rails using EB-02 multiposition clamps

#### Including:

- Adjustable Base Unit 3001-00
- Swivel Adaptor 3002-00 QR3 Skull Clamp 1001.001
- Reusable Skull Pins Pediatric 3004-00 (3 pcs)
- Reusable Skull Pins Adult 3005-00 (3 pcs)
- Crossbar Adaptor

# Orthopaedics Traumatology Positions



#### ORTHOPAEDIC SURGERY - SUPINE POSITION (ORTHOPAEDIC ATTACHEMENT EO-01)



ORTHOPAEDIC SURGERY - SUPINE POSITION
(ORTHOPAEDIC ATTACHEMENT EA-01 WITH SUPPORTS EO-10 AND BAR SUPPORT EO-02)



# Orthopaedics Traumatology Positions



ORTHOPAEDIC SURGERY - LATERAL DECUBITUS POSITION (ORTHOPAEDIC ATTACHEMENT EA-01 WITH SUPPORTS EO-10 AND HIP SUPPORT EO-09)



Fixed to leg rests sockets
Adjustment of extensions devices height: 350mm

Distance between support roll and extensions devices: 300-1300mm

Adjustment of rotation arms position: 0-180

Adjsutment of length of otrhopaedic attachments arms: 600mm

Support roll X-Ray permeable

Made of stainless steel with matt finish, foam mattress covered with artificial leather, polyurethane

# Orthopaedics Traumatology Accesories



#### **EO-02 Bar support**

TECHNICAL INFORMATION:

To be fixed to the arms of the orthopeadic attachement EO-01 with EO-07 clamp

Height adjustment 400mm

Made of stainless steel with matt finish and leather strap



#### **EO-03 Leg support**

TECHNICAL INFORMATION:

To be fixed to the arms of the orthopeadic attachement EO-01 with EO-07 clamp

Height adjustment 400mm

Made of stainless steel with matt finish and leather strap / polyure-thane foam



#### **EO-04 Support for plastering**

TECHNICAL INFORMATION:

To be fixed to the socket of the orthopeadic attachement EO-01

Made of stainless steel with matt finish and leather strap / polyure-thane foam



#### **EO-05 Heel holder**

TECHNICAL INFORMATION:

To be fixed to orthopeadic attachement EO-01 instead of plate supports

Made of stainless steel with matt finish



# Orthopaedics Traumatology Accesories



#### **EO-06 foot support**

**TECHNICAL INFORMATION:** 

To be fixed to the orthopeadic attachement EO-01 instead of plate supports

Made of stainless steel with matt finish and leather straps



# **EO-07 Clamp for orthopaedic attachment supports**

TECHNICAL INFORMATION:

Used to fix the following accesories: EO-02, EO-03, EO-08, EO-11, to the orthopeadic attachement EO-01

Made of stainless steel with matt finish



## **EO-08 Knee operation attachment for orthopedic attachment**

TECHNICAL INFORMATION:

Without extension device

To be fixed to the arms of the orthopeadic attachement EO-01 with EO-07 clamp Height adjustment: 200mm

Adjustment of distance between support roll and extension device: 800mm

Angle adjustment against tabletop

Made of stainless steel with matt finish and polyurethane foam



# **EO-09** Hip support for lateral decubitus position

TECHNICAL INFORMATION:

To be fixed to the socket of the orthopaedic attachment EO-01

Adjustment left/right

Adjustment of support roll rotation

Made of stainless steel with matt finish and polyurethane foam

# Orthopaedics Traumatology Accesories



## EO-10 Support for orthopedic attachment arms

**TECHNICAL INFORMATION:** 

To be fixed to the arms of the orthopeadic attachement EO-01

Height adjustment: 400 mm

Made of stainless steel with matt finish



#### **EO-11 Knee support for side positions**

**TECHNICAL INFORMATION:** 

To be fixed to the arms of the orthopeadic attachement EO-01 with EO-07 clamp

Made of stainless steel with matt finish and polyurethane foam



## EO-12 Trolley for installation of orthopedic attachement

TECHNICAL INFORMATION:

Used to transport and assembly the orthopeadic attachement EO-01 to the operating table

Non-marking castors with individual brakes

Basket for accesories in the base

Made of stainless steel with matt finish



# EO-13 Mobile stand for additional equipment of orthopedic attachement

TECHNICAL INFORMATION:

Non-marking castors with individual brakes

Hooks and rails for storage of orthopaedic accessories

Basket in the basi

Made of stainless steel with matt finish and HPL



### Orthopaedics Traumatology Accesories



# EO-14 Leather shoes for orthopedic attachment

TECHNICAL INFORMATION:

To be fixed to the orthopeadic attachement EO-01 instead of plate supports

Made of stainless steel with matt finish and leather



#### **EO-20 Attachment for hand operating**

TECHNICAL INFORMATION:

To be fixed with 2 pcs of clamp EB-01

Height adjustment: 200mm

Adjustment of extension device length: 350mm

Adjsutment of tilt and rotation of hand fixing

Made of stainless steel with matt finish and polyurethane foam



# EO-30 Attachement for shoulder operations head rest EN-02

TECHNICAL INFORMATION:

To be fixed to legrests sockets

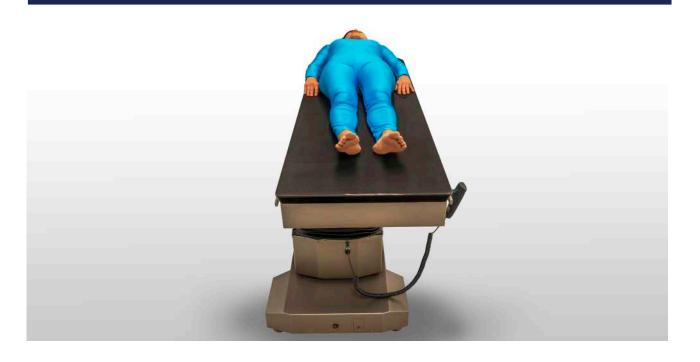
Includes EN-02 head rest Removable right and left shoulder sections

Made of stainless steel with matt finish, polyurethane foam and HPL

### Angiography table



### VIEW FROM THE SIDE, WITH MAX LONGITUDINAL SLIDE



VIEW FROM THE BACKSIDE, WITH MAX LATERAL SLIDE



### **Angiography Accesories**



#### ER-01.0

TECHNICAL INFORMATION:

To be fixed on carbo fibre tabletop

Allows to fix heavier additional accesories on the side rails

Made of stainless steel with matt finish.



#### ER-01.1

TECHNICAL INFORMATION:

To be fixed on carbo fibre tabletop

Allows to fix lighter additional accesories on the side rails

Made of stainless steel with matt finish.



#### **ER-02.0**

TECHNICAL INFORMATION:

To be fixed on carbo fibre tabletop

Allows to fix heavier additional accesories on the side rails

X-ray permeable

Made of carbon fibre and stainless steel with matt finish.



#### ER-02.1

**TECHNICAL INFORMATION:** 

To be fixed on carbo fibre tabletop

llows to fix lighter additional accesories on the side rails

X-ray permeable

Made of carbon fibre and stainless steel with matt finish.

### Positioning pads



TECHNICAL INFORMATION:

For positioning the patient, especially during surgical procedures on the spine

Made of polyurethane foam with artificial letter



#### **EM-02 Mattress for sitting position**

TECHNICAL INFORMATION:

For positioning the patient, especially during procedures requiring sitting position

Made of polyurethane foam with artificial letter

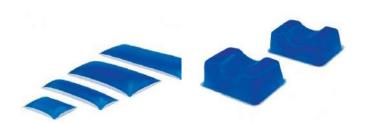




#### **Gel patient body positioners**

TECHNICAL INFORMATION:

Thick layered gel patient body positioners for patient on operation table: arm, chest, heal, head positioners and table pads









For special requirement of the customer it is possible to produce the product with changed technical parameters which do not diminish its safety.

The details given in this catalogue are correct at the time of going to press. Infimed Sp. z o.o., however, reserves the right to improve shown equipment.

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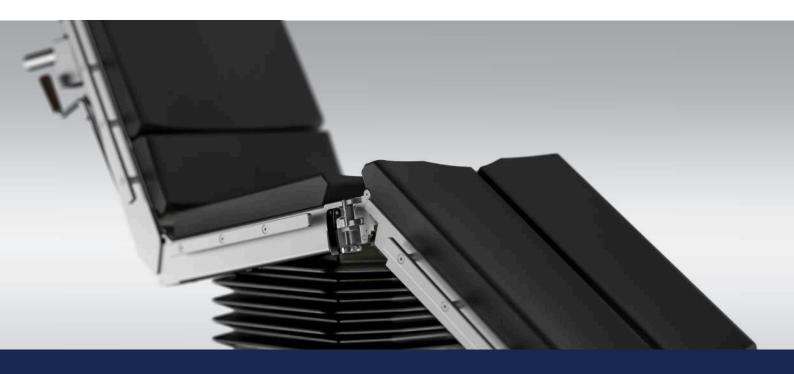
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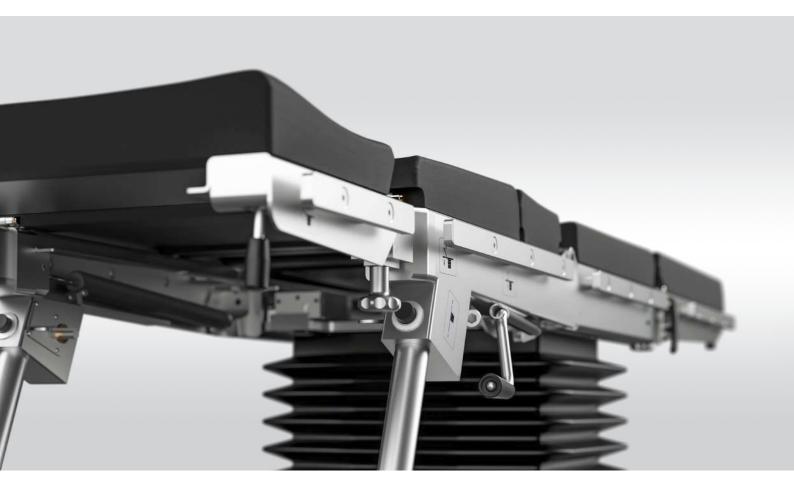




# Operating Tables

FENIX OT-01 VIVAX OT-02





### Quality Cost Effectiveness Versality

Outstanding quality for reasonable price, versatility and functionality ensure operational comfort for everyday surgical work. Optional table tops and bases, together with wide range of additional accessories make it suitable for general and specialist surgical procedures.

Adjustment possibilities and ranges meets the requirements demanded by a modern universal operating tables.



### OT-01 / OT-02



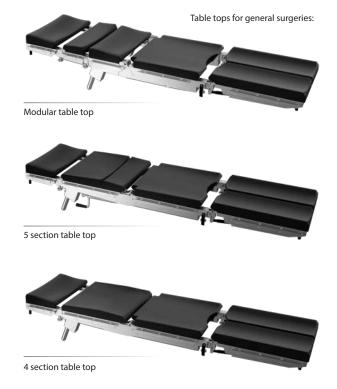
#### Design

Standard "T" base with 5 antistatic castors, (4 rear castors in 2 pairs and directional one in the front), with foot operated central brake.

Optionally available base "Super mobile" for enhanced manoeuvrability and better access to the operating field, thanks to 4 antistatic castors diam. 125 mm. Driving system with foot operated central brake and directional castor.

The elements of the table top, base and column covers are made of matt polished stainless steel, which makes the surfaces smooth and hygienic. The covers are impact resistant, easy to clean, prevent fluid ingress, minimizing infection risk.

High quality, ergonomically profiled, antistatic mattresses made of polyurethane foam of thickness 50 mm. Easy removable, with antibacterial protection, seamless, ensure maximum hygiene and prevent against cross contamination.





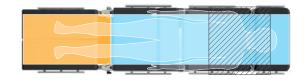
# FENIX and VIVAX Operating Tables



#### **Imaging Flexibility**

Multisectional (4,5 or 6 sectioned) table tops, full-length C-Arm radio translucent.

Superior imaging is ensured by full length X-ray cassette tunnel (except foot sections), with possibility of inserting the cassette from both sides, head rest and foot rests interchange and longitudinal slide (350 mm).





X-ray cassette tunnel and access to C-arm

Access to C-arm only

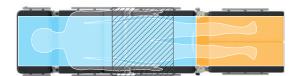
Table column - no access to C-arm

Schemes description

Table top moved to the head side, interchanged head and foot sections

# OT-01 / OT-02





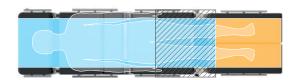






Table top moved to the foot side

Table top moved to the head side





#### **Features**

- Battery powered, with charger built-in the base.
- Unique software providing smooth and precise table movements.
- Superior electro- hydraulic system, with technical solutions of the world leading micro-hydraulics provider.



INFIMED OPERA Control System

#### **Controls**

- Robust wire controller with visual battery level indication, ideal for simple, intuitive control (standard)
- Wire controller with LCD screen (option)
- Wireless controller (option)
- Sensor side control panel on the table column (option)
- LCD side control panel on the table column (option)
- · Foot controller.
- Wall control panel (OPERA system).





Wire controller

Wire contoller with LCD screen

### OT-02



- Optional override control system, mechanic-hydraulic, used in case of corded hand control damage, failure of drive or main control system.
- Range of table movements controlled via electro-hydraulic drive:
  - Height adjustment,
  - Table top tilts: lateral and longitudinal (Trendelenburg and Rev-Trendelenburg),
  - Back rest section and kidney bridge (option),
  - Longitudinal slide (option)
  - Central brake (option).
- Adjustment angles of 40° Trendelenburg/ Rev
   Trendelenburg and and 30° tilt make it ideal solution for minimally invasive procedures.
- Range of table movements controlled mechanically or gas spring supported:
  - Backrest section and kidney bridge,
  - Footrest sections,
  - Headrest sections,
  - Longitudinal slide.



Sensor side control panel



LCD side control panel







# Specialized angiography operating table VIVAX OT-02

#### Application:

Operations with simultaneous radiolucency of the operating field: intraoperative radiology and angiography, heart and vascular surgery.

#### **Main Features:**

- Standard "T" base with central brake.
- Carbon fibre table top, ensuring maximum X-ray transparency and unrestricted access for C-arm
- Range of table movements controlled via electro-hydraulic drive:
  - Height adjustment
  - Table top tilts: lateral and longitudinal (Trendelenburg and Rev-Trendelenburg)
  - Longitudinal slide (option)
  - Lateral slide (option)

- Range of table movements controlled mechanically or gas spring supported:
- Central brake

#### Controls

- standard wire controller
- joystick (option)



Joystick



# Specialized bariatric operating table VIVAX OT-02

**Application:** Bariatric operations of patients weighing up to 450 kg.

#### **Main Features:**

- Standard "T" base with central brake.
- Table-top with increased width, using special extensions, in order to support heavy patients.
- Range of table movements controlled via electro-hydraulic drive:
  - Height adjustment
  - Table top tilts: lateral and longitudinal (Trendelenburg and Rev-Trendelenburg)
  - Back rest section
  - Longitudinal slide
  - Kidney bridge (for 5,6 sections table-tops),
  - Central brake

- Range of table movements controlled mechanically or gas spring supported:
  - Foot rest sections
  - Head rest section







# Specialized orthopaedic operating table VIVAX OT-02

**Application:** Orthopaedic, traumatology, shoulder surgeries.

#### **Main Features:**

- Standard "T" base with central brake.
- Table-top with fully detachable shoulder sections for unrestricted surgical access, with horseshoe headrest.
- Orthopaedic attachment fixed in place of the foot rest sections.
- Range of table movements controlled via electro-hydraulic drive:
  - Height adjustment
  - Table top tilts: lateral and longitudinal (Trendelenburg and Rev-Trendelenburg)
  - Back rest section and longitudinal slide (options)

- Range of table movements controlled mechanically or gas spring supported:
- Back rest section
- Headrest section
- Central brake





#### **Features**

- Powered by hydraulic system, operated via foot position selector and foot levers,
- Height and table top tilts adjustment available from head end enabling easy operation by the hospital staff

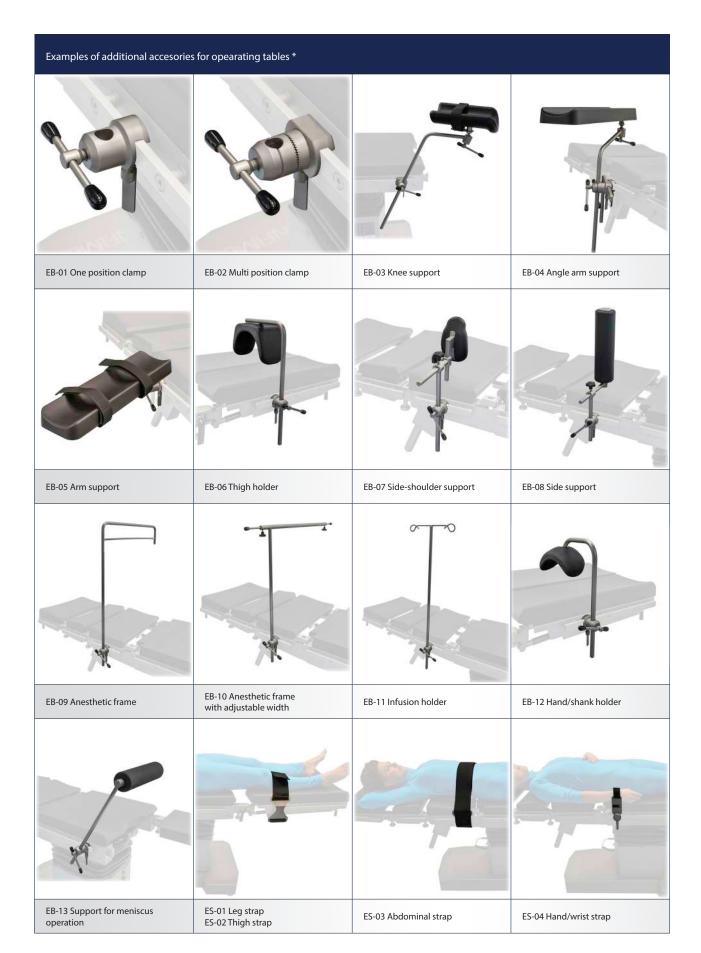


#### **Controls**

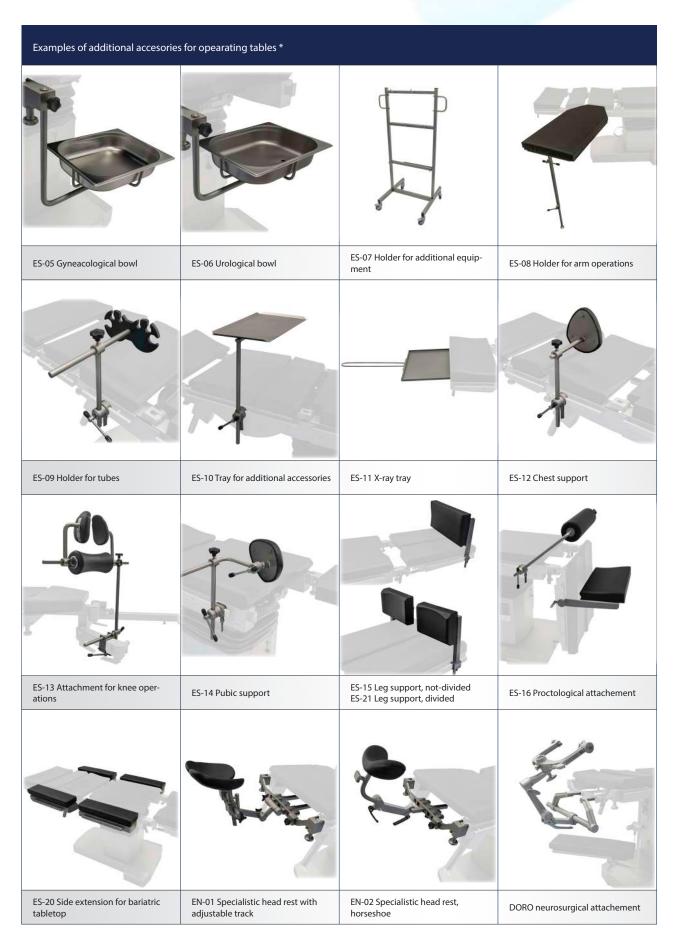
- Range of table movements controlled hydraulically:
  - Height adjustment,
  - Table top tilts: lateral and longitudinal (Trendelenburg and Rev-Trendelenburg).
- Range of table movements controlled mechanically or gas spring supported:
  - Back rest section and kidney bridge,
  - Footrest sections,
  - Headrest sections,
  - Longitudinal slide (option).





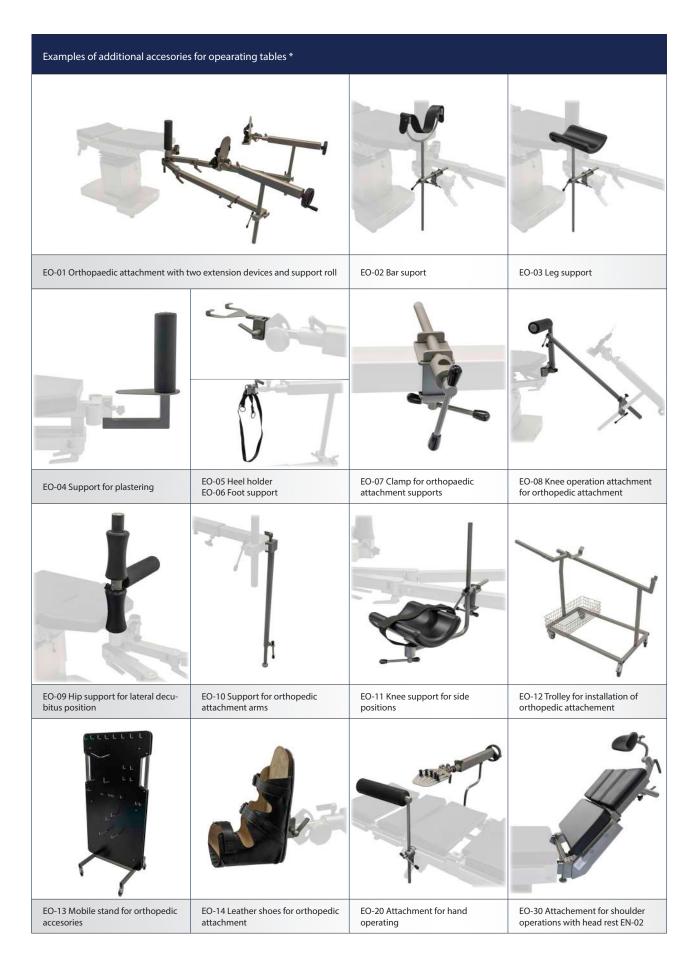


### **Additional Accesories**









# Technical parameters

Technical parameters of operating tables INFIMED VIVAX	OT-02 standard	OT-02 angiography version	OT-02 bariatric version
Total length of the table with 4, 5 sections, modular, orthopedic and bariatric table tops	2100 mm		2100 mm
Total length of the table with 6 sections table top	2300 mm		2300 mm
Total length of the table carbon fibre table top		2200 mm	
Table top width (without / with side rails)	500 mm / 560 mm	600 mm	800 mm/ 860 mm **
Standard height adjustment, with mattress 50 mm (electro-hydraulic)	730 mm – 1080 mm		730 mm – 1080 mm
Extended height adjustment, with mattress 50 mm (electro-hydraulic)	700 mm – 1150 mm		700 mm – 1150 mm
Height adjustment, without mattress (electro-hydraulic), with longitudinal and lateral slide		800 mm – 1150 mm	
Height adjustment, without mattress (electro-hydraulic), with longitudinal slide		730 mm – 1080 mm	
Height adjustment, without mattress (electro-hydraulic), fixed		660 mm – 1010 mm	
Lateral tilts adjustment (electro-hydraulic)	± 30°	± 20°	± 30°
Trendelenburg / reverse-Trendelenburg adjustment (electro-hydraulic)	± 40°	± 20°	± 40°
Backrest adjustment (pneumatic)	- 45°; +85°		
Optional backrest adjustment (electro-hydraulic)*	- 35°; +85°		- 35°; +85°
Footrest adjustment (pneumatic)	- 90°; +25°		- 90°; +25°
Footrest abduction (mechanic)	180°		180°
Headrest adjustment (pneumatic)	± 45°		± 45°
Kidney bridge adjustment (mechanic) Optional kidney bridge adjustment (electro-hydraulic)*	~120 mm		~120 mm
Longitudinal slide (mechanic) Optional longitudinal slide (electro-hydraulic)*	350 mm	350 mm	350 mm
Lateral slide (electro-hydraulic)*		210 mm	
Table mass	280 kg +/- 10%	280 kg +/- 10%	2 kg +/- 10%
Maximum dynamic / static working load	250 / 300 kg	250 kg	450 / 540 kg
Built in battery power Built in charger power	24 V 230V ~ 50/60Hz	24 V 230V ~ 50/60Hz	24 V 230V ~ 50/60Hz
Working time between battery charging	Up to 65 operations	Up to 65 operations	Up to 65 operations
Lifetime	10 years	10 years	10 years
Degree, class of protection, application part type	IP-X4 / I / B	IP-X4 / I / B	IP-X4 / I / B
Technical parameters of operating tables INFIMED FENIX	OT-01		
Total length of the table with 4 and 5 sections tabletop	2100 mm		
Total length of the table with 6 sections tabletop	2300 mm		
Table top width (without / with side rails)	500 mm / 560 mm		
Standard height adjustment (hydraulic), with mattress 50 mm	680 mm – 1030 mm		
Height adjustment (hydraulic), longitudinal slide, with mattress 50 mm	730 mm – 1080 mm		
Lateral tilts adjustment (hydraulic)	± 30°		
Trendelenburg / reverse-Trendelenburg adjustment (hydraulic)	± 40°		
Backrest adjustment (pneumatic )			
Footrest adjustment (pneumatic)	- 45°; +85° - 90°; +25°		
Footrest abduction (mechanic)	max 180°		
Headrest adjustment (pneumatic)	± 45°		
Kidney bridge adjustment (mechanic), available in 5 or 6 section tabletop	~120 mm		
Optional longitudinal slide (mechanic)	350 mm		
Table mass	250 kg		
Maximum dynamic / static working load additional options	200 /250 kg		

<sup>\*</sup> additional options
\*\* width including side extension for bariatric tabletop ES-20







For special requirement of the customer it is possible to produce the product with changed technical parameters which do not diminish its safety.

The details given in this catalogue are correct at the time of going to press. Infimed Sp. z o.o., however, reserves the right to improve shown equipment.

INFIMED Sp. z o.o. adres ul. Kabaty 1, 34-300 Żywiec, Polska

Polska tel/fax +48 33 861 40 96 email office@infimed.pl www www.infimed.pl NIP 553-251-29-67 REGON 243274947 KRS 0000463933

Sąd Rejonowy w Bielsku-Białej, VIII Wydział Gospodarczy Krajowego Rejestru Sądowego. Wysokość Kapitału Zakładowego: 500 000 PLN bank Bank Spółdzielczy w Węgierskiej Górce SWIFT POLUPLPR

78 8131 0005 0016 2492 2000 0010 PLN PL02 8131 0005 0016 2492 2000 0020 EUR PL23 8131 0005 0016 2492 2000 0030 USD







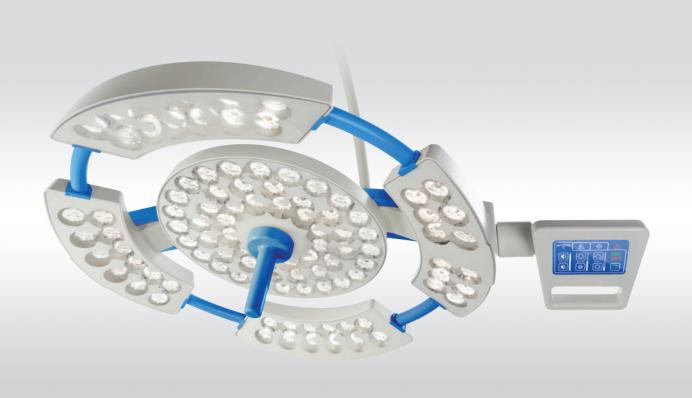


# **Operating and Treatment Lights**

NEXUS OL-01/OL-02 PROXY OL-03 ONYX TL-01



### **Operating and Treatment Lights**



NEXUS Operating light head

### **Modern Design**

Operating lights INFIMED NEXUS, PROXY and treatment lights INFIMED ONYX with LED light source are distinguished by innovative technology and modern design.

The little weight, ergonomic light heads as well as comfortable handles enable easy and precise set up and positioning of the operating light during surgery.

Waterproof, resistant to environmental factors design and smooth surfaces guarantees ease of disinfection and maintenance for perfect hygiene.

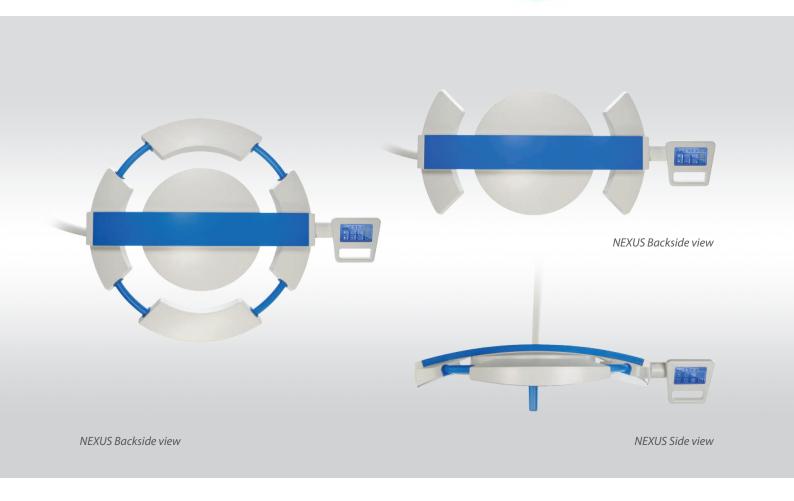
Ergonomic shape of the light minimizes disruption of laminar airflow in the operating theatre. The light heads are closed construction, composed of solid, permanently assembled elements.

#### Flow-optimised light head

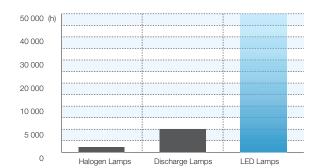


### OL-01 / OL-02 / OL-03 / TL-01

Nexus / Proxy / Onyx



### **Economy**



Low power consumption and high efficiency of LED light sources, provide measurable economic benefits by reducing maintenance costs of the operating theater.

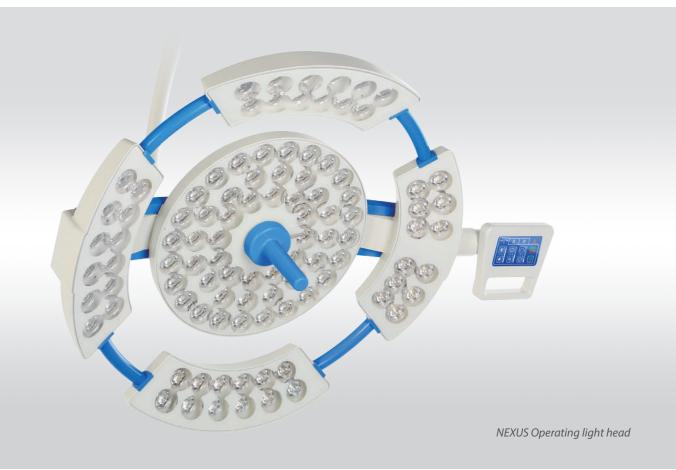
Long lifetime of LED technology light sources, estimated at over 60,000 hours, several times exceeds conventional light sources. There is no frequent replacement of the light sources, significantly reducing maintenance and replacement costs.

### **Environmental Protection**



LED light sources do not contain any heavy metals like lead or mercury which facilitate their future utilization. Aluminium, the main material of LED's can be efficiently recycled. LED light sources does not produce harmful UV radiation.



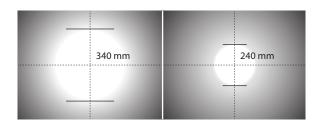


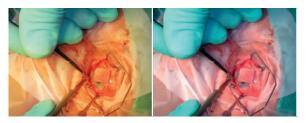
### **Efficiency**

LED technology ensures consistent light distribution and enables almost shadow-free conditions.

Low heat radiation minimize the temperature increase in the surgeon's head area to imperceptible level.

High light intensity and color rendering index facilities surgeries of especially narrow and deep wounds. The illumination is electronically dimmed to provide optimum illumination of operating field. Together with wide range of operating field size adjustment optimal visual conditions are ensured.





Colour temperature adjustment enables changing the contrast of the observed tissue and reduces fatigue of operating surgeon, which affects the comfort and ergonomics of the medical staff.



Adjustable endo light function reduces eye fatigue in case of endoscopic procedures and reflections on the monitors.

# OL-01 / OL-02 / OL-03

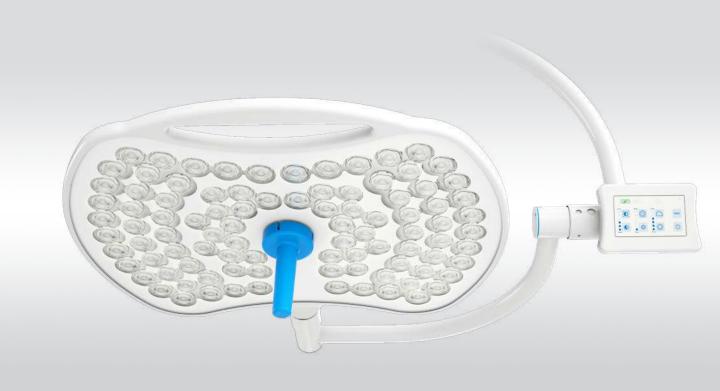


NEXUS Operating light head

Parameter of operating light NEXUS	NEXUS OL-01	NEXUS OL-02
Light intensity Ec	160 000 lx	130 000 lx
Light intensity adjustment	5 – 100%	5 – 100%
Color temperature Tc (without adjustment)	4300K (4800 K)*	4300K (4800K)*
Color temperature Tc (with adjustment)	3800-4800 K (3700 – 5000 K)*	3800-4800 K (3700 – 5000K)*
Light field diameter d10 at Ec	240 – 340mm (200 - 360 mm)*	240 – 340mm (200 - 360 mm)*
Working range	600 – 1500 mm	600 – 1500 mm
Illumination depth (L1+L2)	1300 mm	1300 mm
Color rendering index [Ra(1-8)]	> 95 ( > 97)*	> 95 ( > 97)*
Red color rendering index [R9]	> 94	> 94
Endo lighting with adjustable intensity	1 000-20 000 lx Green light (white)*	1 000-20 000 lx Green light (white)*
Temperature of light surface after 60 min	< 40,00 ° C	< 40,00 ° C
Increase of temperature near doctor's head	< 1,00 ° C	< 1,00 ° C
Power supply	90 – 250 V AC	90 – 250 V AC
Power consumption	110W	80W
Luminary head voltage	24 – 28V DC	24 – 28V DC
Average service life of the LEDs (h)	> 60 000	> 60 000
Class of protection of light head	IP54	IP54

 $<sup>\ ^{*}\,</sup> additional\, options$ 





PROXY Operating light head

### **Operating light PROXY**

Is the smart solution of the modern operating light. The light head ensures perfect light parameters and full functionality, providing adjustments of light intensity, light field diameter and color temperature.

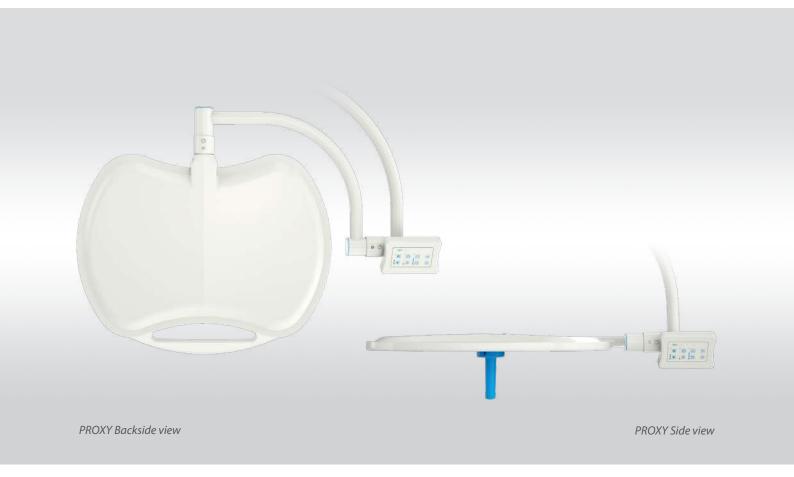
The light head can be equipped with the additional functions (as per page 10) as well as the video camera fixed in the center (as per page 11).

All configurations mentioned on pages 8-9 are possible to implement.



OL-03 / Operating light head with camera

# OL-03



Parameter of operating light PROXY	PROXY OL-03
Light intensity Ec	160 000 lx
Light intensity adjustment	5 – 100%
Color temperature Tc (with adjustment)	3800 – 4800 K (3700-5000 K)*
Light field diameter d10 at Ec	240 – 340mm (200 - 360 mm)*
Working range	700 – 1400 mm
Illumination depth (L1+L2)	1200 mm
Color rendering index [Ra(1-8)]	>95 (>97)*
Red color rendering index [R9]	>93 (>95) *
Endo lighting with adjustable intensity	1 000-20 000 lx Green light (white)*
Temperature of light surface after 60 min	< 40,00 ° C
Increase of temperature near doctor's head	< 1,00 ° C
Power supply	90 – 250 V AC
Power consumption	80 W
Luminary head voltage	24 – 28V DC
Average service life of the LEDs (h)	> 60 000
Class of protection of light head	IP54

<sup>\*</sup> Additional options

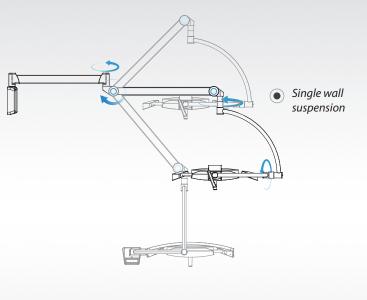


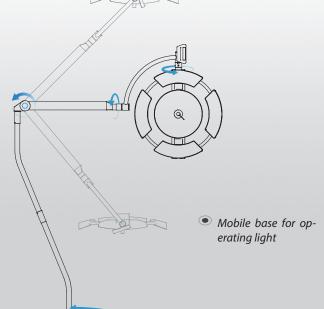
# NEXUS, PROXY and ONYX Operating and Treatment Lights

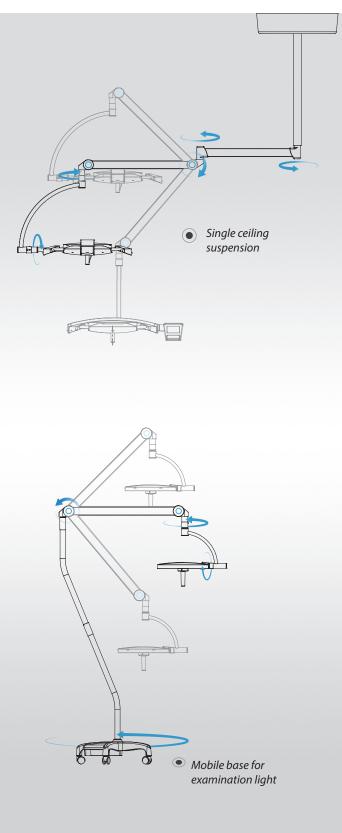
### **Configurations**

Operating lights INFIMED are available in ceiling suspensions (single, double, triple), single wall suspensionand the mobile version equipped with the battery.

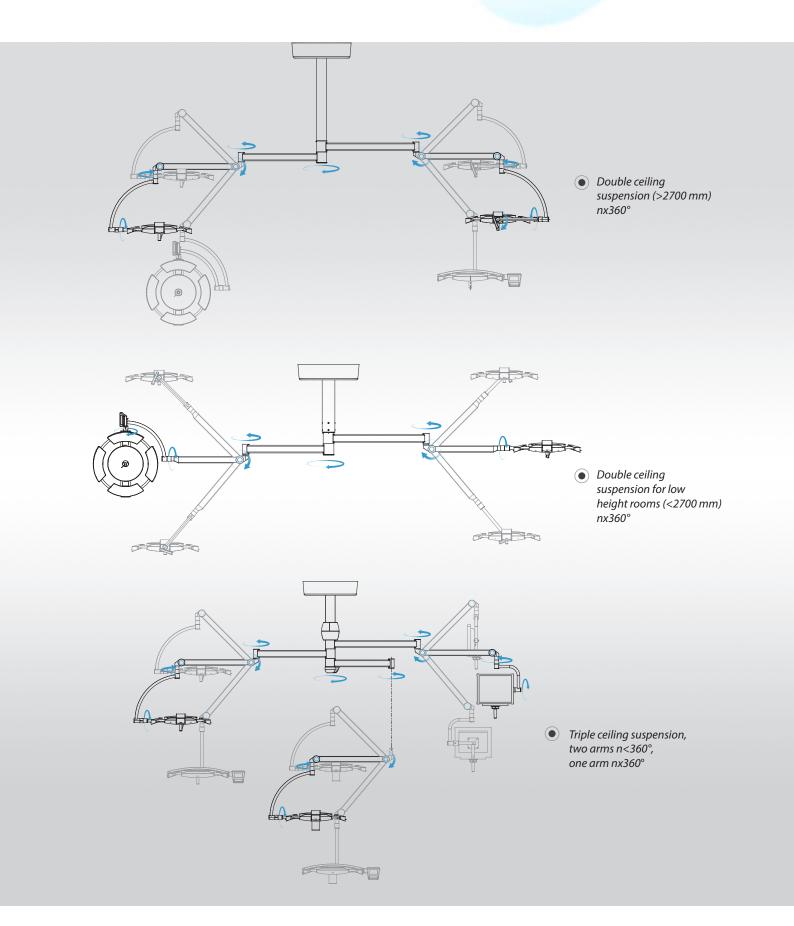
Examples of suspension configurations for operating lights:





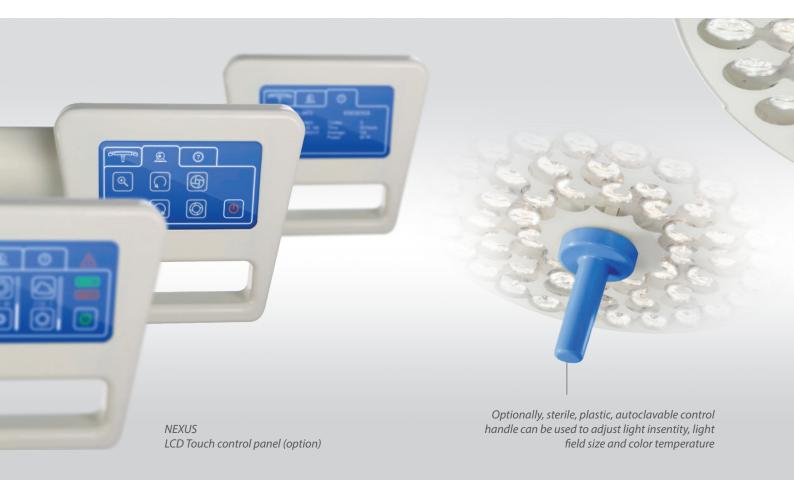


# Configurations





# NEXUS and PROXY Operating Lights



#### **Controls And Communication**

The sensor type control panel (standard) enables adjustment of:

- illumination intensity
- endoscopic illumination intensity
- switching ON/OFF
- light field size (option)
- color temperature adjustment (option)



The LCD type control panel (option) additionally enables adjustment of camera functions (zoom, iris manual, auto, focus manual and auto, stop image, rotation with lock >360 deg.)

#### **Addional functions**

#### Measurement of the distance from operating area

The sensor in the light recognises the distance from the operating field and adjust the illumination intensity accordingly.

#### Intelligent shadow management

The sensor in the light perceives the surgeon head when it is directly under the light beam and brighten or dim specific LED's, in order to eliminate the shadows in the operating field.

#### Functions adjustment with sterile handle

Sterile, plastic, autoclavable control handle can be used to adjust 1-3 of following functions: light insentity, light field diameter and color temperature.

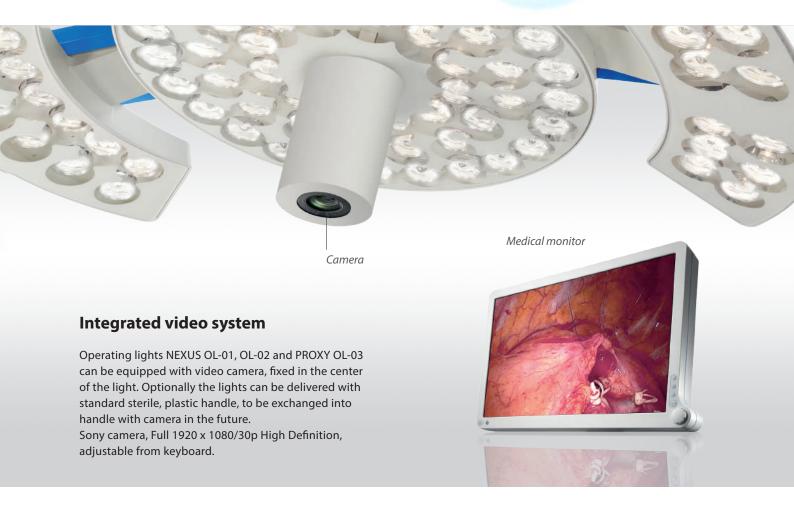
#### Synchronic adjustment of more light heads

Light heads adjustments can be synchronised: when adjusting any function of any light head, other light head (s) are adjusted simultaneously.

#### **Infrared** pointer

Infrared pointer shows the center of light beam.

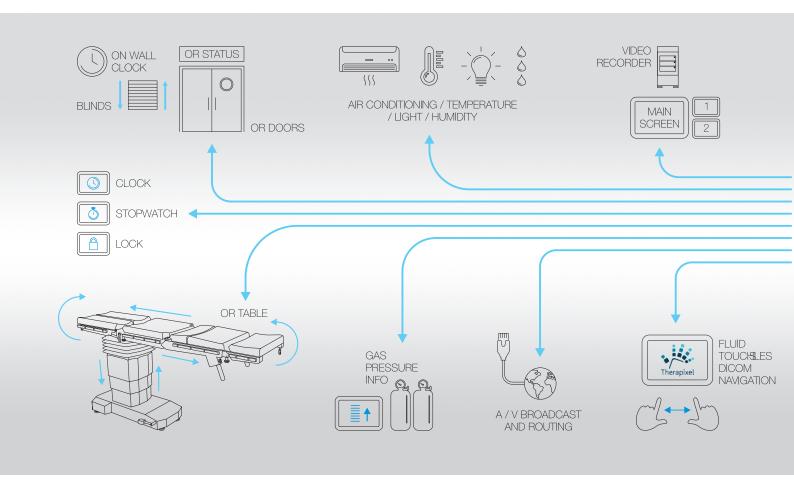
## Additional Equipment and Functions



Camera Specifications	Details
Image Device	1/2.8 type Exmor™ CMOS sensor
Effective Pixels	Approx. 2 million
Digital Zoom	20x (200x with optical zoom)
Horizontal Viewing Angle	54.1° (wide end) to 2.9° (tele end)
Sync System	Internal
Electronic Shutter	1/2 to 1/10,000 s, 21 steps
White Balance	Auto
Focus System	Auto
Exposure Control	AE Control: Auto, Manual, Priority (shutter priority and iris priority)
Video Output	Details
Lens Value	20x Optical Zoom, f=4.7 mm (wide) ~ 94.0 mm (tele), f1.6 to f3.5
S/N Ratio More	More than 50 dB
Signal System	Signal System HD: 1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 720p/50, 720p/29.97, 720p/25 SD: NTSC/PAL



# NEXUS and PROXY Operating Lights



#### **Opera control system**

Provides better and easier control of the devices in the operating room from a single location. The system is very flexible, open, modular, can be adjusted to comply the client's expectations and requirements, accordingly to the above shown solutions. Can be operated from wall mounted control panel or wirelessly from mobile device.

The product is safe and secure and it is a certified Class I Medical Device manufactured in accordance with the ISO 9001, 13485 and other European standards. It provides a fully intuitive operation thanks to a simple and user-friendly interface, thereby minimizing the possibility of misuse and avoiding improper treatment operations.

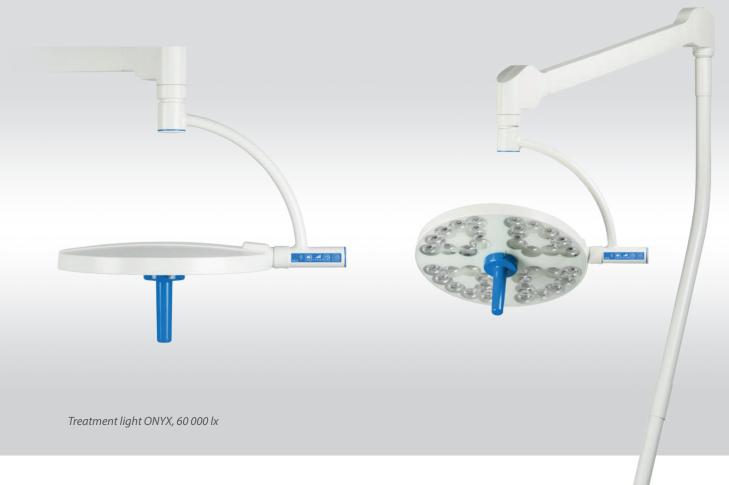


# **Control System OPERA**









### **Lights ONYX TL-01**

Lights ONYX are usually used in operating and procedures rooms, intensive care, neonatology units, induction rooms, dentist, dermatology, gynecology cabinets, veterinary cabinets, dissection rooms.

They are available with different levels of maximum illumination intensity: 30 000, 60 000, 100 000 up to 130 000 lx (for the lights having 100 000 and 110 00 lx it is possible to add field diameter adjustment). Light head ONYX can be also used as minor operating light.

Light intensity and optional light field diameter adjustment are set up by control panel.

All configurations mentioned on pages 8-9 are possible to implement. Lights ONYX can be also used in double ceiling system as satelitte with NEXUS or PROXY operating lights.



# TL-01





Minor operating light ONYX, 100 000, 110 000, 120 000 lx with field size adjustment.

Treatment light ONYX, 30 000 lx

Parameter	ONYX TL-01 60 000/100 00 lx	ONYX TL-01 30 000 lx
Light intensity Ec	60 000 lx / (100 000 - 120 000 lx)	30 000 lx
Dimming range	10 – 100%	10 – 100%
Color temperature Tc	4300K (4800K)*	4300K (4800K)*
Light field size d10 at Ec	260 mm / (240 – 340 mm)*	240 mm
Color rendering index [Ra(1-8)]	> 92 (> 95)*	>92 (>95)*
Red color rendering index [R9]	(>90) ( > 92)*	(>90)*
Temperature of light surface after 60 min	< 40,00° C	< 40,00° C
Increase of temperature near doctor's head	< 1,00° C	< 1,00° C
Power supply	90 – 250 V AC	90 – 250 V AC
Power consumption (± 10%)	50W	20W
Luminary heads voltage	24 – 28V DC	24 – 28V DC
Life cycle of the lights	> 50 000	> 50 000
Class of protection of light head	IP54	IPX2

<sup>\*</sup> additional options







For special requirement of the customer it is possible to produce the product with changed technical parameters which do not diminish its safety.

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tel/fax +48 33 861 40 96 email office@infimed.pl www www.infimed.pl NIP 553-251-29-67 REGON 243274947 KRS 0000463933

Sąd Rejonowy w Bielsku-Białej, VIII Wydział Gospodarczy Krajowego Rejestru Sądowego. Wysokość Kapitału Zakładowego: 500 000 PLN bank Bank Spółdzielczy w Węgierskiej Górce SWIFT POLUPLPR

78 8131 0005 0016 2492 2000 0010 PLN PL02 8131 0005 0016 2492 2000 0020 EUR PL23 8131 0005 0016 2492 2000 0030 USD







### Declaration of conformity

Company:

INFIMED Spółka z ograniczoną odpowiedzialnością

34-300 Żywiec, ul. Kabaty 1, Poland,

Tel/fax +48 33 861 40 96

e-mail: office@infimed.pl

SRN: PL-MF-000015633

We hereby declare for our own responsibility, that

Medical device:

Operating light

Name:

**PROXY** 

Type:

01-03

Class:

I, according to rule 13 in conformity with annex VIII of the EU

Regulation 2017/745

Serial number:

covered by Technical file no 1.1, date 08.2021r.

Inspection documentation of device: Report of final inspection no 17.3.1.10

fulfills all the requirements of Regulation (EU) 2017/745 of the European Parliament and the Council that applies to this device.

List of all harmonized standards is indicated in Technical File.

Procedure of conformity assessment:

Annex VIII Of the EU Regulation 2017/745

INFIMED SO ZO O

34-300 Żywiec, ul. Kabaty1 tel./fax 33 861 40 96 NIP: 5532512967 REGON: 243274947 (4)

Place and date: Żywiec .....

Prezes Zarządu

Piotr Koźbiał

Name and surname:

Basic UDI-DI-PI Code

00

INFIMED Sp. z o.o. ul. Kabaty 1, 34-300 Żywiec, Polska 553-251-29-67 REG/M+ 243274947

0000463933

Sąd Rejonowy w Bielsku-Białej, VIII Wydział Gospodarczy Krajowego Rejestru Sądowego, Wysokość Kapitału Zakładowego: 500 000 PLN Bank Spoldzielczy w Węgierskiej Gorce SWIFT POLUPLPR



### **Declaration of conformity**

Company:

INFIMED Spółka z ograniczoną odpowiedzialnością

34-300 Żywiec, ul. Kabaty 1, Polska,

Tel/fax +48 33 861 40 96

e-mail: office@infimed.pl

SRN: PL-MF-000015633

We hereby declare for our own responsibility, that

Medical device:

Operating table

Name:

VIVAX

Type:

OT-02

Class:

I, according to rule 13 in conformity with annex VIII of the EU

Regulation 2017/745

Serial number:

covered by Technical file no 1.1, date 08.2021r.

Inspection documentation of device: Report of final inspection no 17.3.1.02

fulfills all the requirements of Regulation (EU) 2017/745 of the European Parliament and the Council that applies to this device.

List of all harmonized standards is indicated in Technical File.

Procedure of conformity assessment:

Annex VIII Of the EU Regulation 2017/745

CEINFIMED

INFIMED Sp. z o. o. 34-300 Żywiec, ul. Kabaty¹ tel./fax 33 861 40 96 NIP: 5532512967 REGON: 243274947 (4) Prezes Zarządu

Piotr Koźbiał

Place and date: Żywiec .....

Name and surname:

Basic UDI-DI-PI Code



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Sąd Rejonowy w Bielsku-Białej, VIII Wydział

Gospodarczy Krajowego Rejestru Sądowego.

Wysokość Kapitału Zakładowego: 500 000 PLN

bank Bank Spółdzielczy w Węgierskiej Górce SWIFT POLUPLPR

# Certificate

Standard

ISO 9001:2015

Certificate Registr. No.

0198 100 13761



Certificate Holder:

INFIMED Sp. z o. o.

ul. Kabaty 1 34-300 Żywiec

**Poland** 



Scope:

Design and development, production, distribution, installation and servicing of surgical and treatment luminaires, luminaires for diagnosis, devices for patient positioning and transport with related equipment, medical furmiture and metal products, modular rooms systems for operating theatre, control systems of operating theatre equipment

Proof has been furnished by means of an audit that the requirements of ISO 9001:2015 are met.

Validity:

The certificate is valid from 2019-10-20 until 2022-10-19.

2019-10-09

Guzegova Guabka

TÜV Rheinland Polska Sp. z o.o. ul. 17 Stycznia 56 · 02-146 Warszawa











### Certificate

## Quality Management System EN ISO 13485:2016

Registration No.:

SX 1436359-1

Organization:

INFIMED Sp. z o.o.

ul. Kabaty 1 34-300 Żywiec

Poland

Scope:

Design and development, production, distribution, installation and servicing of surgical and treatment luminaires, luminaires for diagnosis, devices for patient positioning and transport with related equipment, medical furniture, modular room systems for operating theatre as well as software working in combination with related infrastructure for managing and integration of equipment and medical devices in operating room.

The Certification Body of TÜV Rheinland LGA Products GmbH certifies that the organization has established and applies a quality management system for medical devices.

Proof has been furnished that the requirements specified in the abovementioned standard are fulfilled the quality management system is subject to yearly surveillance.

Report No.: 84956996-20 Effective date: 2022-02-18 Expiry date: 2025-01-30 Issue date: 2022-02-18



Jarosław Pyclik TÜV Rheinland LGA Products GmbH Tillystraße 2 · 90431 Nürnberg · Germany