

INSPIRAL



**OPERATING LIGHTS
OPERATING TABLES**



New generation, LED Technology

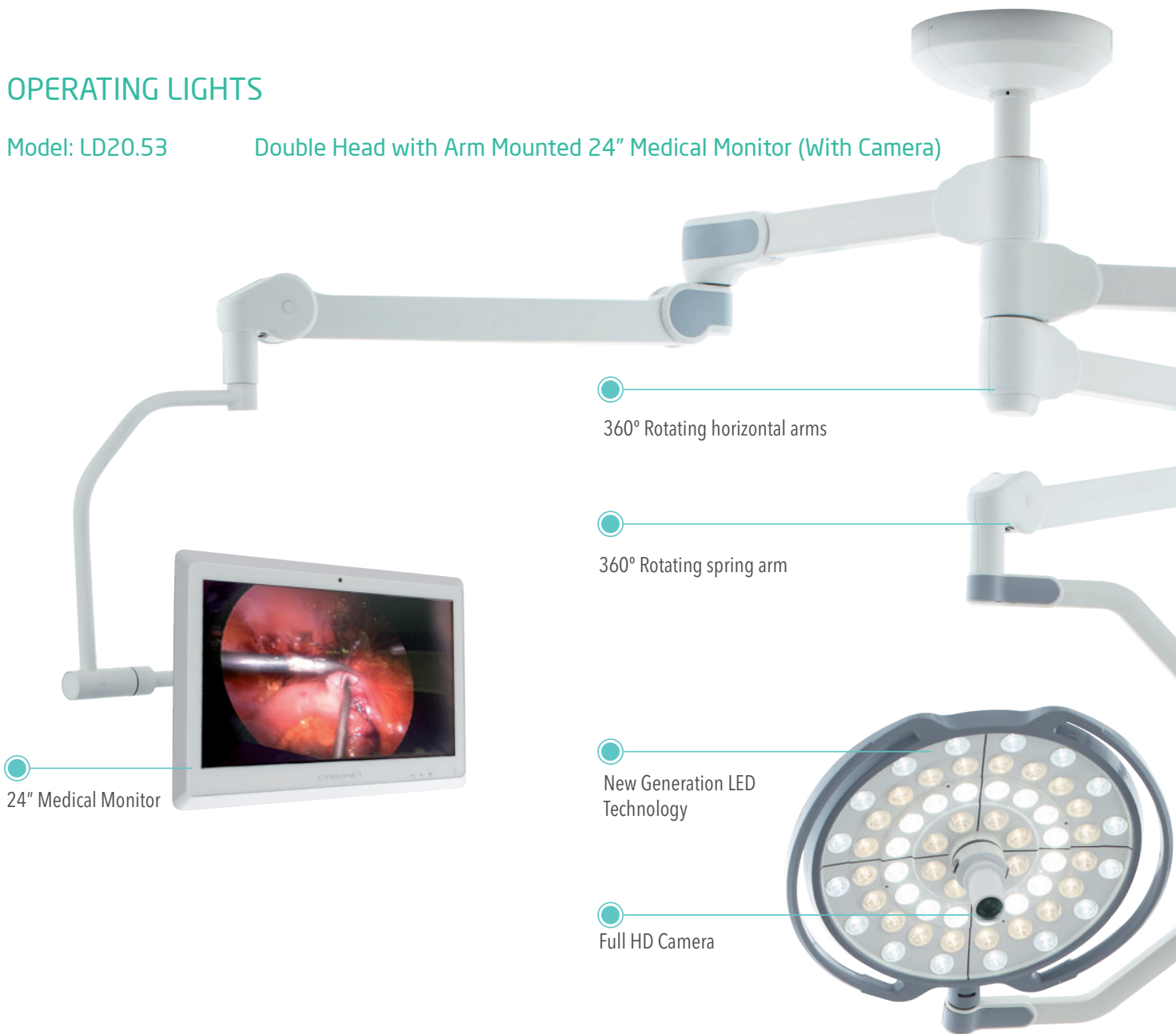




OPERATING LIGHTS

Model: LD20.53

Double Head with Arm Mounted 24" Medical Monitor (With Camera)



24" Medical Monitor

360° Rotating horizontal arms

360° Rotating spring arm

New Generation LED Technology

Full HD Camera



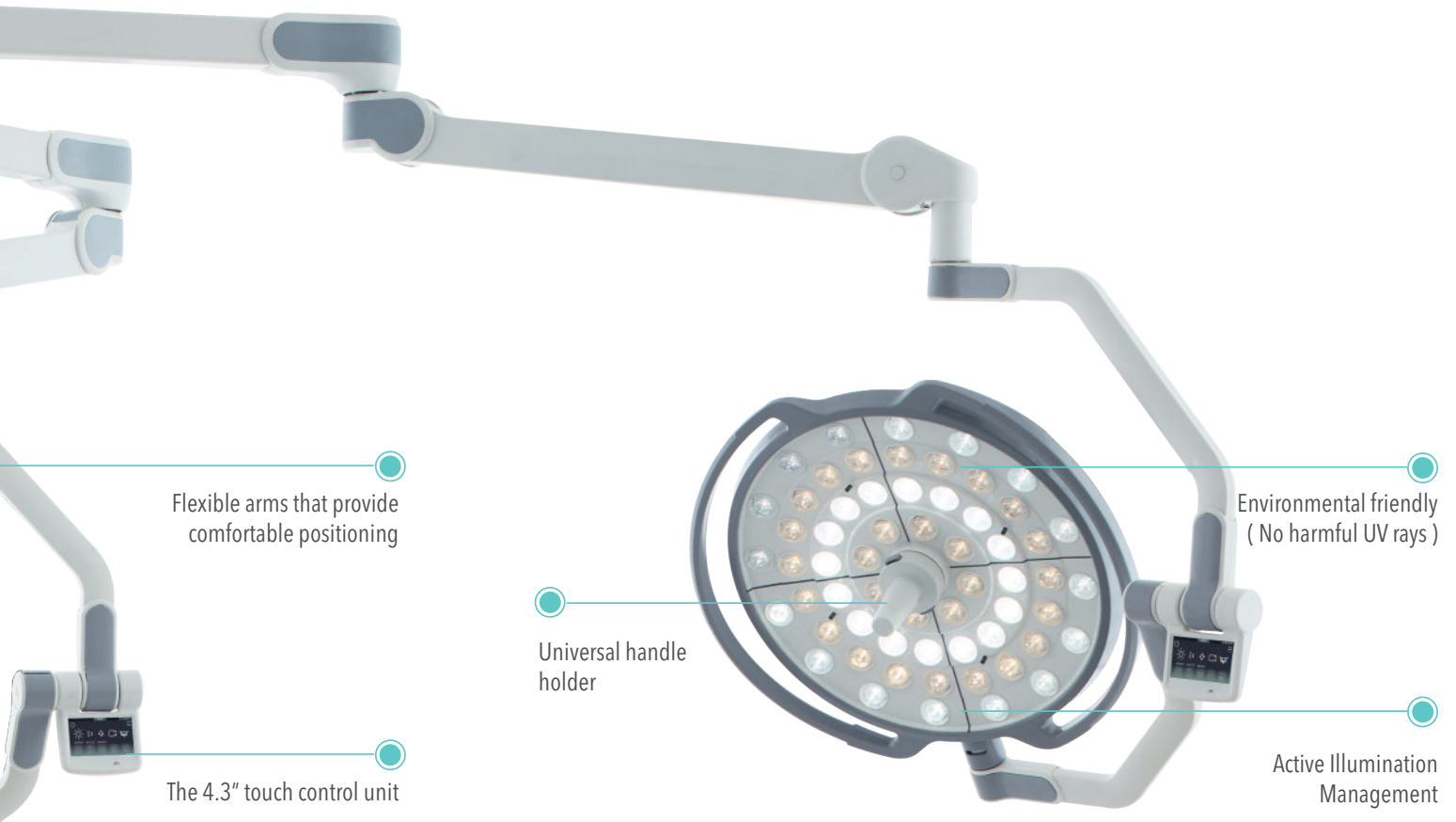
Full HD Surgical Camera

- ◆ Surgical videos taken by Full HD cameras provide clear images taken from the operator's point of view, allowing vital intraoperative findings to be clearly illustrated and comprehensively explained



New Generation LED Technology

- ◆ Warm /cold white LEDs combined with unique high-tech lenses provide brilliant, homogenous light. Each LED module can be replaced individually in case of any failure



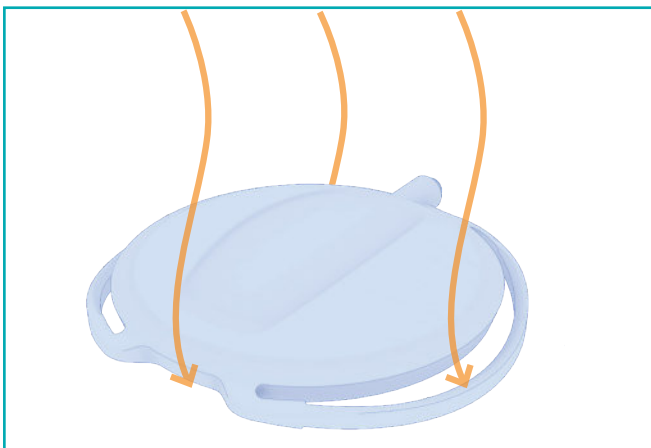
Flexible arms that provide comfortable positioning

Universal handle holder

The 4.3" touch control unit

Environmental friendly (No harmful UV rays)

Active Illumination Management



Special Lamp Head Design

- ◆ The special slim elliptic head design allows unobstructed flow of clean air through the light head to dissipate accumulated heat and surgical smoke. Degree of turbulence is lower than 29 % at surgical field.

Adjustable Light Field Diameter

- ◆ Innovative beam design offers you an extremely wide range of adjustable light field size from 130 mm to 360 mm. The light patch can be easily matched to the wound size.



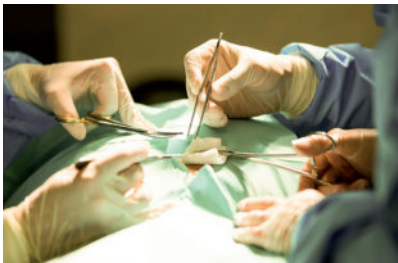
Endo Light Mode / StandBy Mode

- ◆ Lamp can be switched to the endolight mode by a single button.
- ◆ Stylish blue LED strips in stand by mode

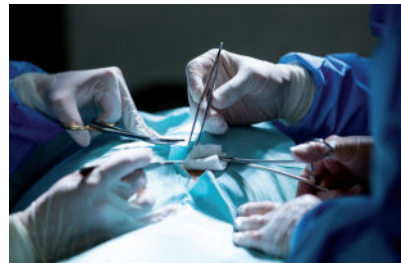


Boost Function

- ◆ In case of an unpredictable high illumination need, light intensity can be adjusted to 100% maximum level by a single touch



- ◆ 3000 K



- ◆ 5000 K

Wide Range of Adjustable Color Temperature

- ◆ The color temperature can be perfectly adjusted between 3000 K to 5000 K by 250 K steps according to the specific operations



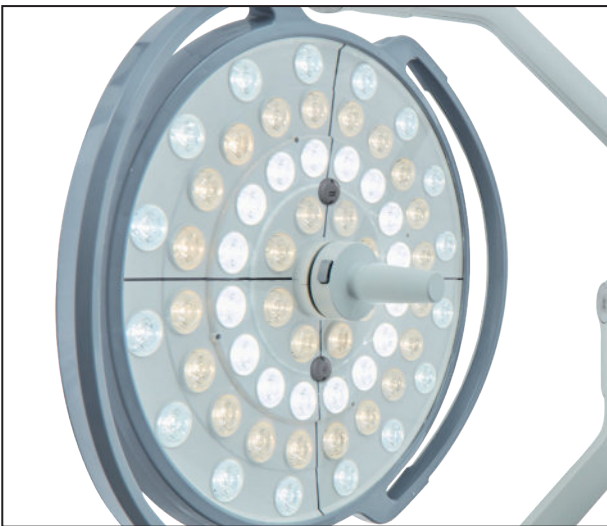
Touch Screen Pro Control Unit

- ◆ Inspital Unique tablet application allows to control all functions via wider Touch Screen Pro Control Unit. Optional tablet can be used as a wall control unit with its wall stand.



Medical Monitor

- ◆ Watch as you record with wide range of medical grade LED monitors from 19" to 55" sizes



Laser Positioning



- ◆ The laser guide is available to easily position the head at the right distance and place for efficient surgeries.

Automatic Distance Management (ADM)



- ◆ ADM system measures the distance between patient and light head automatically between 90-110cm and ensure that the surgical site always appears in the best light, literally.



Active Illumination Management (AIM)

- ◆ Inspital LED light technology provides the best illumination, even when surgeons are blocking the LEDs. The loss of illumination when certain LEDs are obstructed is automatically compensated by the AIM system.

Touch Screen Control Unit



Touch Screen Control Unit

- ◆ *Standard 4.3" LCD touch screen panel to control all functions intuitively and clearly by tapping and swiping the applicable icons.*



Model: LD20.24
Model: LD20.52

Double Head with 24" Wall Medical Monitor (With Camera)
Double Head with Camera (Without Monitor)



Model: LD10.03

Triple Head Operating Lights



High-Tech, maximum light

Illumination Stability Function

- ◆ *The ISF system prevents the intensity of the LED technology from falling, and maintains constant lighting levels by applying an automatic compensation. Guarantee optimum operating conditions in all circumstances.*



Model: LD10.02 Double Head Operating Lights



Model: LD10.01 Single Head Operating Lights



Model: LD05.06 Mobile with Battery
Battery back up system provides 2,5 hours of energy

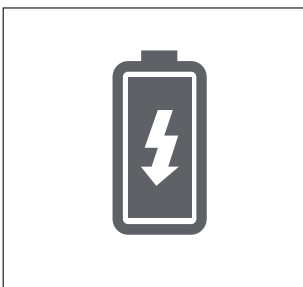
OPERATING LIGHTS

INSPITAL LED operating lights are designed to meet all surgical illumination requirements of operating theatres. New generation LED technology helps the surgeons to operate and view the surgery area clearly. INSPITAL LED lights can be adapted in any size of operating theatres including large hybrid types with variety of models & combinations.

TECHNICAL SPECIFICATIONS

• Max. Illumination power, in 1 m	: 160.000 Lux
• Diameter of lighthouse	: Ø670 mm
• Color temperature	: 3000 K - 5000 K
• Color rendering index, Ra CRI	: 96%
• Dimming Range	: % 1 - 100
• Light Field Diameter d10	: 24 - 36 cm / 9.5" - 14.2"
• Light Field Diameter d50	: 13 - 28 cm / 5.1" - 11"
• Number of LED modules	: 60
• Lifetime of LED	: >60.000 h
• Degree of turbulence (standard value 37.5% max.)	: 29%
• Depth of the volume of light L1 + L2 at 20%	: 130 cm / 51.2"
• Depth of the volume of light L1 + L2 at 60%	: 76 cm / 30"
• Camera	: 1080p Full HD Camera
• Irradiance at nominal illuminance	: 200 W/m ²
• Additional options	: Touch Screen Pro Control Unit, Camera, Monitor, Battery Back Up

◆ All values are measured according to IEC 60601-2-41.



Battery

- ◆ External battery can be added for ceiling type operating lights
A.C. : LD05.05



Operating Together for Life

INSPIRAL



ELECTRO-HYDRAULIC OPERATING TABLE OT80.20



Three layers visco mattress
for ensuring patient comfort



Long and strong
rail line for accessories



Hand and column
control units



Column Control Panel



T-Base design for
maximum approach



INSPI TAL operating tables are designed to meet all special requirements of operating theaters with its powerful and stable electro-hydraulic systems. Wide range of accessories makes them very flexible for different surgical disciplines.

Bariatric version of INSPI TAL tables with wider table top and higher lifting capacity (360 kgs) can meet specific requirements of this kind of operations.

Durable, long life
PU mattress

Optimum X-Ray image quality

Curved design PU mattress



Telescopic stainless
steel column

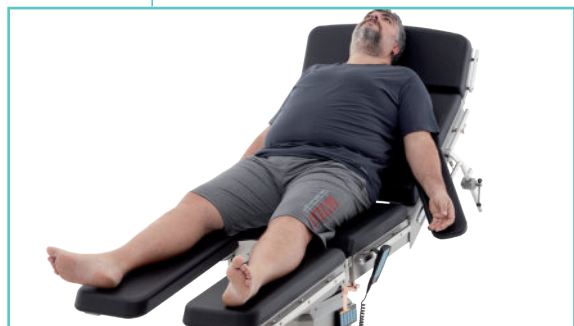
Visco mattress, optional



Stainless steel t-base, optional



Bariatric, optional



ELECTRO-HYDRAULIC OPERATING TABLE OT80.25



Antibacterial surface coating technology is easy to clean, highly resistant to corrosion and has the effect of preventing the production and settlement of blood and body fluids on the surface.



Optimal Clearance In Surgical Area

- ◆ Maximum surgical area visibility with its kidney elevator, integrated on the table and adjustable up to 150° (70 mm)



Sliding

- ◆ Image reception ability in a wide area without disturbing the sterile environment by its sliding feature within 300 mm on horizontal plane

DAY SURGERY TABLE OT80.10

INSPI TAL day surgery table is an all-in-one manual surgery table for transport, preoperative care, surgery and recovery. It is an ideal and cost effective solution for busy day surgery needs.



Functional Design

- ◆ Easy to handle modular design for different surgical disciplines



Accessory Positioning

- ◆ Stainless steel rail attachments integrated on both sides of the table, enabling accessory mounting without removing existing accessories



Different Mattress Options

- ◆ Compact material table top with high X-ray permeability that allows high-quality image reception
- ◆ Visco or polyurethane mattress options that ensure the patient's comfort by taking its body shape, thus preventing decubitus prophylaxis



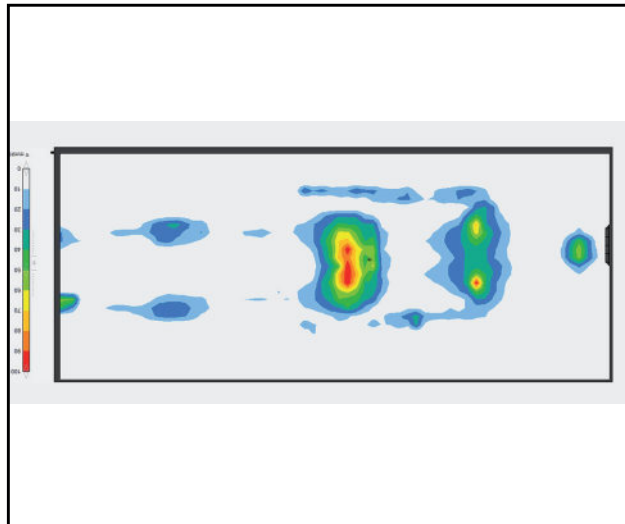
T-Base Specifications

- ◆ T-Base enables table optimal approach for the surgical team and equipment
- ◆ ABS Material with break and corrosion resistance



Easy Approach for C-Arm

- ◆ Complete access to all table areas and its X-ray permeable table top allow high image quality
- ◆ Suitable base structure for easy access and approach of the C-arm scopy and surgical microscopes



Optimum Mattress Performance

- ◆ INSPITAL operating table mattresses are designed and manufactured according to the Pressure Mapping test results.



Control Feature

- ◆ Hand control mechanical brake system
- ◆ Full function hand control for 7 different movements



Column Control Panel

- ◆ Full function column control panel for emergency and secondary use
- ◆ Emergency stop button



Wide Range of Accessory Options

- ◆ Wide range of accessories enables variety of positions for general and special surgeries
- ◆ Trolley options to carry and store the accessories



Left Lateral Tilt Position



Struma Surgery Position



Reflex Position



Flex Position



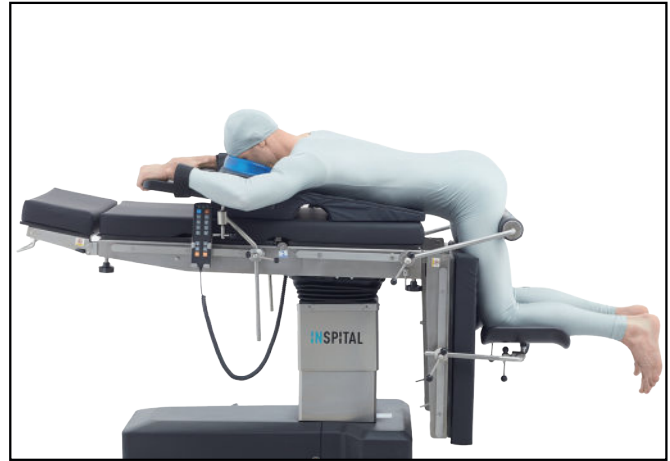
Chest (Breast) Surgery Position



Chest Surgery Position



Gynecologic and Urologic Surgery Position



Spinal, Proctologic Surgery Position



Meniscus Surgery Position



Ophthalmology Position



Arthroscopic Position



Orthopedic Fracture Surgery Position



Orthopedic Traction Set

Orthopedic traction set is suitable for use with all INSPITAL operating tables in orthopedic surgeries.

- ◆ Made of 304 quality stainless steel
- ◆ Leg strainer function by mechanical lever
- ◆ Traction boots with up & down movement and rotation capability around its own axis

A.C:OT60.90



Neurosurgery Head Rest with Pin & Horseshoe Head Rest

A.C: OT60.80 SET

Neurosurgery head rest especially designed for use in neurosurgery operations.

- ◆ Extremely durable and rigid construction from aluminum alloy
- ◆ 3 pcs fixing system with pins and completely adjustable skull clamps
- ◆ Adjustment mechanism from 4 different points
- ◆ Easily mountable horse shoe head rest accessory



Cross Bar Adapter A.C:OT60.82

- ◆ Can be used with skull fixing pins or horseshoe head rest accessories



Arthroscopy Shoulder Support

Designed for use in arthroscopy operations and suitable for use with all operating tables

- ◆ 7 stage back rest adjustment
- ◆ Head fixing section with up & down movement
- ◆ Special design offering easy reach to shoulder area
- ◆ Body fixing strap

A.C:OT60.76



Leg Positioning Boot

An accessory designed for use in branches that require leg positioning

- ◆ Positioning system with one hand control and self-brakes
- ◆ Special booths for foot comfort

A.C:OT60.77





Arm Support, Single

A.C.:OT60.01

- ◆ Including fixing clamp and strap
- ◆ Rotatable and tiltable armboard
- ◆ Adjustable height
- ◆ Made of stainless steel

Strap:

A.C.:OT60.02

- ◆ Adjustable length, easy to fix

Arm Adaptor

A.C.:OT60.34

- ◆ Arm extension apparatus



Anaesthesia Screen, Fixed Size

A.C.:OT60.03

- ◆ Including fixing clamp
- ◆ Fixed width: Ø12x820x640 mm
- ◆ Made of stainless steel



Body Fixing Strap

A.C.: OT60.07

- ◆ Total length: 2300 mm
- ◆ Large cushion for body
- ◆ Easily adjustable length



IV Stand, 2 hooks

A.C.: OT60.05

- ◆ Including fixing clamp
- ◆ 2 hooks
- ◆ Adjustable height
- ◆ Made of stainless steel



IV Stand, 4 hooks

A.C.: OT60.06

- ◆ Including fixing clamp
- ◆ 4 hooks
- ◆ Adjustable height
- ◆ Made of stainless steel



Anaesthesia Screen, Adjustable

A.C.: OT60.04

- ◆ Including fixing clamp
- ◆ Extendible to both sides
- ◆ Adjustable height
- ◆ Made of stainless steel



Patient Heating System

A.C.: OT60.71

- ◆ Displays adjustable and measured temperature simultaneously
- ◆ Advanced alarm and security system
- ◆ Provides safe use with key lock
- ◆ Temperature sensitivity 0.1°
- ◆ Polyurethane fabric and carbonfiber heating layer



Geopel Leg Rest

A.C.: OT60.08

- ◆ Pair
- ◆ Including fixing clamps
- ◆ Rotatable and tiltable
- ◆ Adjustable height
- ◆ Made of stainless steel



Irrigation Bowl, Rectangle Form A.C.: OT60.11

- ◆ Including fixing clamp
- ◆ 2 joints rotatable arms
- ◆ Adjustable height
- ◆ Sizes: 325x265x95 mm
- ◆ Made of stainless steel



Irrigation Bowl With Drainage, Rectangle Form
A.C.: OT60.12

- ◆ Including fixing clamp
- ◆ Including drainage tube
- ◆ 2 joints rotatable arms
- ◆ Adjustable height
- ◆ Sizes: 325x265x95 mm
- ◆ Made of stainless steel



Waste Bin A.C.: OT60.14

- ◆ 20 L capacity
- ◆ Compatible with irrigation bowls with drainage
- ◆ Tube hole on the cover
- ◆ 5 castors and rubber bumper
- ◆ Including carriage handle and cover
- ◆ Made of stainless steel



Irrigation Bowl With Drainage, Round Form

- A.C.: OT60.13
- ◆ Including fixing clamp
 - ◆ Including drainage tube
 - ◆ 2 joints rotatable arms
 - ◆ Adjustable height
 - ◆ Ø260x80 mm
 - ◆ Made of stainless steel



Clamp, Rotatable & Adjustable Jaw

A.C.:OT60.17

- ◆ For rod type accessories
- ◆ 360° rotatable
- ◆ Single lever for total lock
- ◆ Suitable for 25x10 mm rails
- ◆ Made of stainless steel



Clamp, Rotatable

A.C.:OT60.18

- ◆ For rod type accessories
- ◆ 360° rotatable
- ◆ Double locking lever
- ◆ Suitable for 25x10 mm rails
- ◆ Made of stainless steel



Clamp, Easy Fix

A.C.: OT60.15

- ◆ Easy to fix type. No need to slide from one side of the rail
- ◆ Suitable for 25x10 mm rails
- ◆ Made of aluminium



Clamp

A.C.: OT60.16

- ◆ For round rod type accessories
- ◆ Suitable for 25x10 mm rails
- ◆ Made of stainless steel



Shoulder Support

A.C.: OT60.09

- ◆ Pair
- ◆ Including fixing clamps
- ◆ Extendible
- ◆ Adjustable height
- ◆ Made of stainless steel



Lateral Support

A.C.: OT60.10

- ◆ Pair
- ◆ Including fixing clamps
- ◆ Extendible
- ◆ Rotatable and tiltable
- ◆ Adjustable height
- ◆ Made of stainless steel



Foot Support Plate

A.C.: OT60.19

- ◆ Pair
- ◆ Including fixing clamps
- ◆ Made of stainless steel



Proctology Set

A.C.: OT60.20

- ◆ Set of rectoscopy roll and knee supports
- ◆ Including fixing clamps
- ◆ Rotatable and tiltable knee support
- ◆ Height and angle adjustable rectoscopy roll
- ◆ Made of stainless steel



Ophthalmologic Head and Wrist Support A.C.: OT60.21

- ◆ Rotatable and tiltable head support and wrist support
- ◆ Height and angle adjustable
- ◆ Made of stainless steel



Weinberger Hand Traction Set A.C.: OT60.22

- ◆ For the secure fixation of hand and upper arm
- ◆ Height and distance adjustable hand cuff
- ◆ Height adjustable arm extension roll
- ◆ Including fixing clamps
- ◆ Made of stainless steel



Leg Strap

A.C.: OT60.23

- ◆ Pair
- ◆ Adjustable



Meniscus Positioning Roll

A.C.: OT60.24

- ◆ Including fixing clamp
- ◆ Adjustable height
- ◆ Made of stainless steel



Knee Arthroscopy Support

A.C.: OT60.72

- ◆ Including fixing clamp
- ◆ Adjustable height
- ◆ Made of stainless steel



Carbonfiber Extension Board

A.C.: OT60.73

- ◆ Fixing from the leg section
- ◆ Carbonfiber material



Sliding Handles

A.C.:OT60.25

- ◆ Designed for easy movement
- ◆ Pair
- ◆ Including fixing clamps
- ◆ Made of stainless steel



Arm Surgery Extension

A.C.: OT60.26

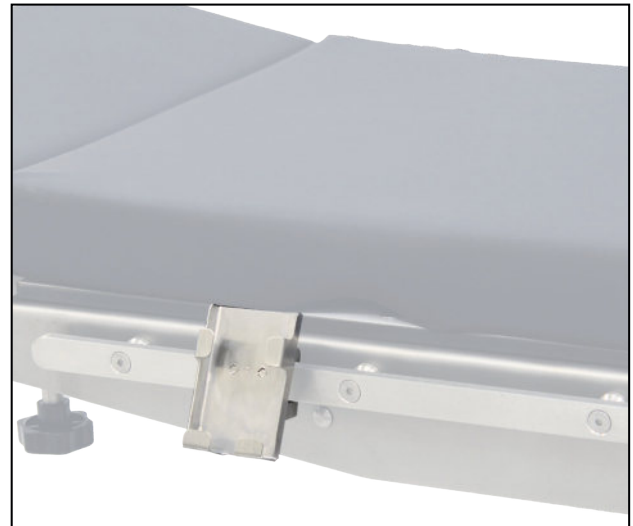
- ◆ Including fixing clamps
- ◆ Height adjustable
- ◆ 2 support leg with brake castors
- ◆ Made of stainless steel



Hand Control Unit

A.C.: OT60.27

- ◆ Full function hand control unit



Support for Hand Control Unit

A.C.: OT60.29

- ◆ Easy to fix to accessory rail
- ◆ Made of stainless steel



X-Ray Cassette Support

A.C.: OT60.30

- ◆ Used to fix and support X-Ray cassettes
- ◆ Including fixing clamp
- ◆ Made of stainless steel



X-Ray Cassette Tray

A.C.: OT60.31

- ◆ Used to carry and position the X-Ray cassettes
- ◆ Including fixing clamp
- ◆ Made of stainless steel



Orthopedic Traction Set Trolley A.C.: OT60.33

- ◆ For the storage and easy installation of orthopedic traction set
- ◆ Large basket for smaller accessories
- ◆ Four castors, two with brake
- ◆ Made of stainless steel



Accessory Trolley A.C.: OT60.32

- ◆ For the storage of table accessories
- ◆ Four rails to hang all accessories
- ◆ Four castors, two with brake
- ◆ Made of stainless steel



Step, Double

A.C.: BS10.20

- ◆ Sizes: 640x600x400 mm
- ◆ Made of stainless steel



Step, Single

A.C.: BS10.10

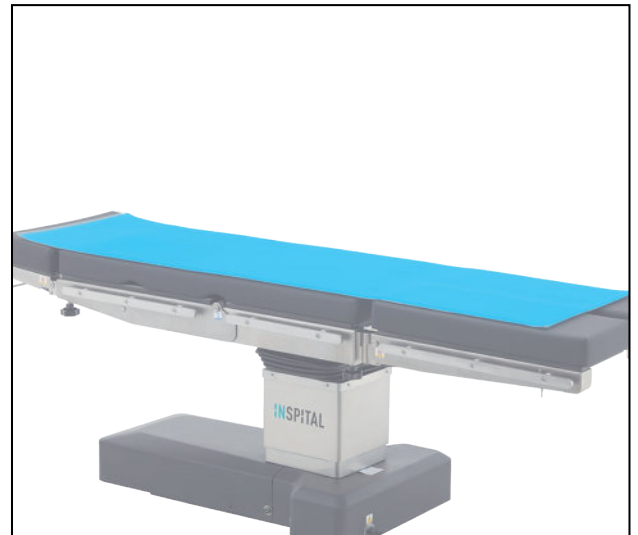
- ◆ Sizes: 600x350x180 mm
- ◆ Made of stainless steel



Wilson Frame Set

A.C.: OT60.61

- ◆ Consist of 1 piece of large cushion and 4 pieces of gel pads



Gel Mattress, Adult

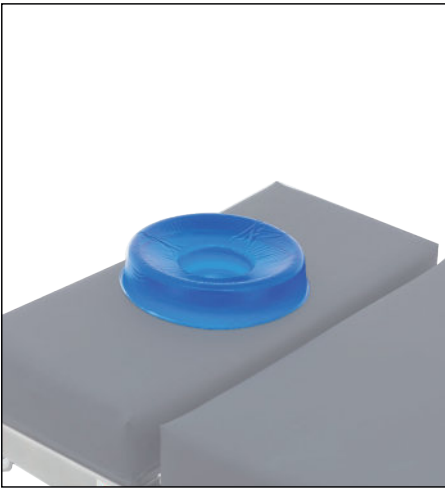
A.C.: OT60.62

- ◆ Sizes: 1830x500x100 mm
- ◆ Made of gel

Gel Mattress, Pediatric

A.C.: OT60.63

- ◆ Sizes: 660x310x130 mm
- ◆ Made of gel

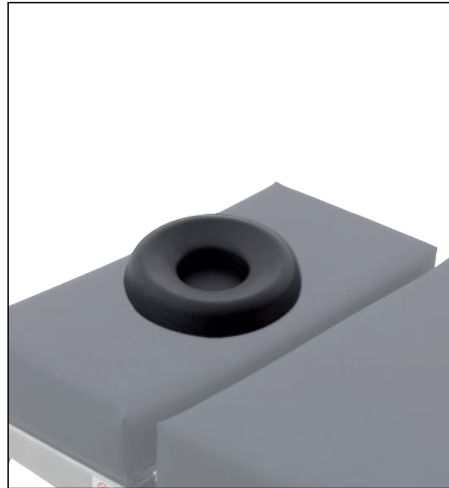


Head Rest, Gel, Adult A.C.: OT60.50

- ◆ Sizes: 200x75x45 mm
- ◆ Made of gel

Head Rest, Gel, Pediatric A.C.: OT60.51

- ◆ Sizes: 140x60x35 mm
- ◆ Made of gel



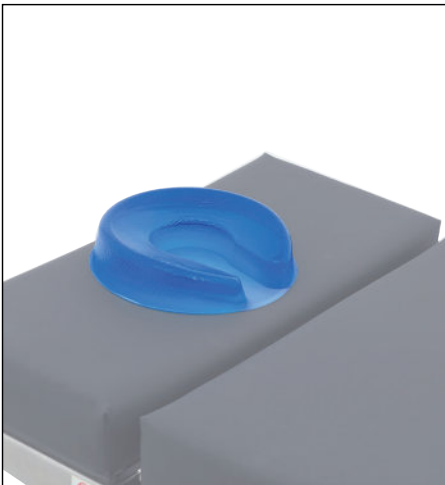
Head Rest, PU, Adult A.C.: OT60.40

- ◆ Sizes: 195x85x40 mm
- ◆ Made of PU



Arm Rest, Gel A.C.: OT60.54

- ◆ Sizes: 400x130x20 mm
- ◆ Made of gel

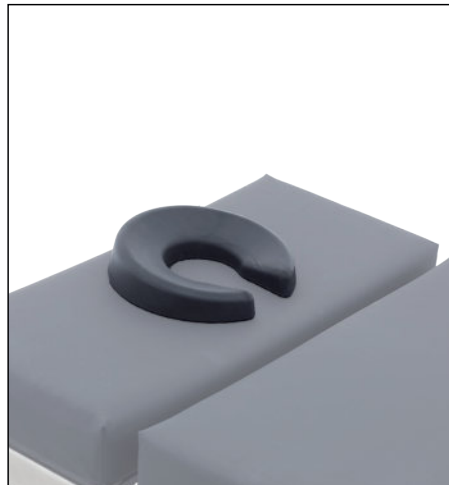


Horseshoe Head Rest, Gel, Adult A.C.: OT60.52

- ◆ Sizes: 200x75x45 mm
- ◆ Made of gel

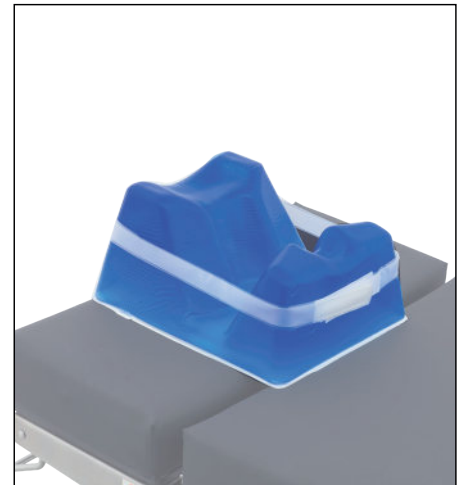
Horseshoe Head Rest, Gel, Pedi. A.C.: OT60.53

- ◆ Sizes: 140x60x35 mm
- ◆ Made of gel



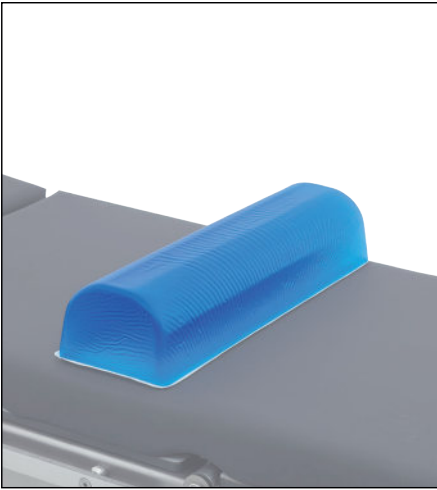
Horseshoe Head Rest, PU, Adult A.C.: OT60.41

- ◆ Sizes: 195x80x45 mm
- ◆ Made of PU



Prone Head Support, Gel A.C.: OT60.57

- ◆ Sizes: 280x230x145 mm
- ◆ Made of gel



Chest Roll, Gel, Adult A.C.: OT60.55

- ◆ Sizes: 515 x170x100mm
- ◆ Made of gel

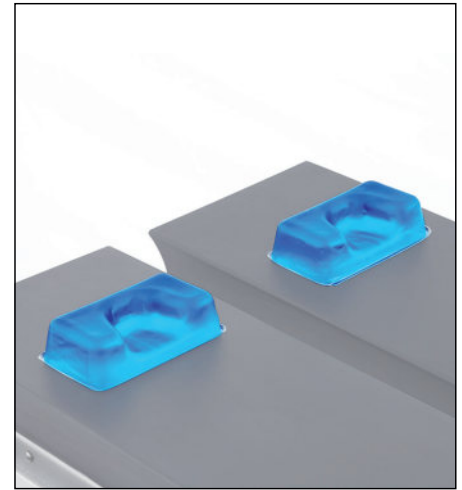
Chest Roll, Gel, Pediatric A.C.: OT60.56

- ◆ Sizes: 420x170x170mm
- ◆ Made of gel



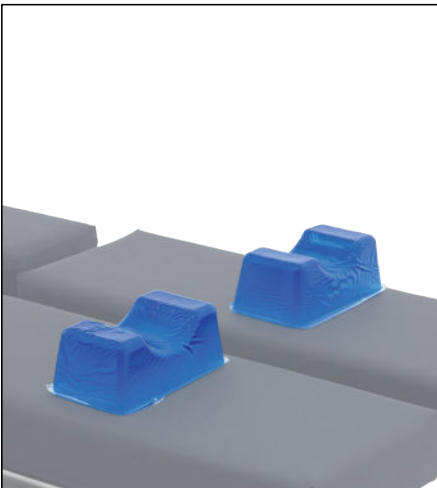
Chest Roll, PU A.C.: OT60.42

- ◆ Sizes: 440x135x100 mm
- ◆ Made of PU



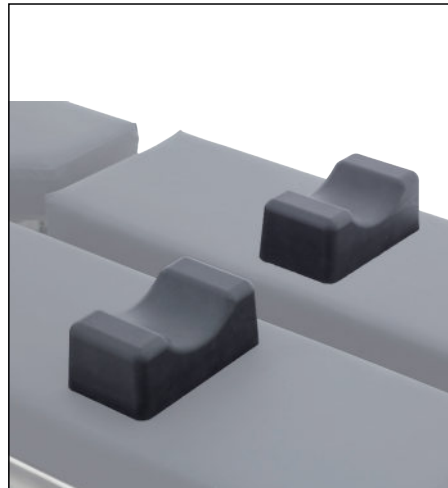
Heel Support, Gel A.C.: OT60.59

- ◆ Sizes: 170x110x50 mm
- ◆ Pair
- ◆ Made of gel



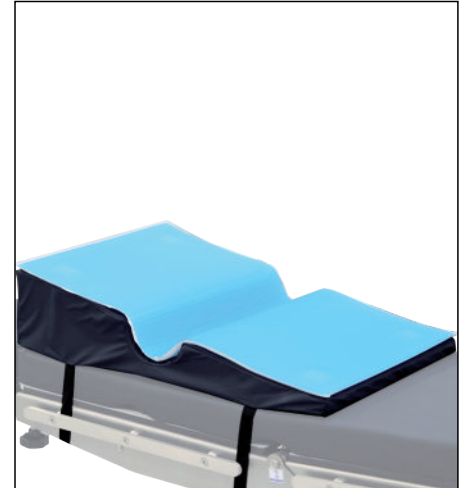
Foot Wrist Support, Gel A.C.: OT60.58

- ◆ Sizes: 100x110x70 mm
- ◆ Pair
- ◆ Made of gel



Foot Wrist Support, PU A.C.: OT60.43

- ◆ Sizes: 175x95x70 mm
- ◆ Pair
- ◆ Made of PU



Lateral Positioner, Gel A.C.: OT60.60

- ◆ Consist of 1 piece of large cushion and 1 piece of gel pad
- ◆ Sizes: 720x500x100 mm