



OPERON® B 710 SURGICAL TABLE

IMAGING



For unmatched versatility and positioning, look to BERCHTOLD's OPERON® B 710 surgical table. Our 5-section modular design of the table top ensures configurations for a wide variety of surgical disciplines and adaptability to patient sizes. The radiolucent table top provides superior imaging capabilities, easily accessed with a C-arm.

Precise, ergonomic patient positioning is enabled by various features of the OPERON B 710: The geometrical layout of the table top harmonically tuned to the human body, an intuitive remote control unit with one touch commands for powered adjustments of all table top and table base functions, additional added-feature functions, large double swivel castors and track stabilisation mode to provide stress-free working conditions for the surgical team.

IMAGING CAPABILITIES

OPERON B 710's full body imaging capabilities with superior C-arm coverage accommodates all surgical procedures. Maximum imaging access reduces set up time, provides for better clinical decision making, easier procedural access, and optimal patient care.

A convenient pass-through X-ray cassette channel extends the entire length of the table top, including the area above the column; thus perfecting all types of imaging.



VASCULAR / HEART SURGERY

The standard table configuration provides with 1070 mm more than enough imaging coverage for most procedures. For enhanced requirements like vascular surgery this range can be easily extended to an extreme range of 1470 mm for upper body coverage.

ORTHOPAEDIC / TRAUMA SURGERY

The OPERON B 710 can be easily converted into a full scale specialised fracture OR table with the extension unit. The unit provides excellent conditions for C-arm access and facilitates patient positioning by only one person.



GENERAL SURGERY / NORMAL ORIENTATION

The vast majority of all procedures can be performed in the standard general surgical configuration. With the patient in normal orientation, all surgical team members can work comfortably around the table.

The robust, reliable construction provides an impressive patient weight capacity of up to 350 kg.



GENERAL SURGERY / REVERSE ORIENTATION

The reverse orientation provides extra working room and floor space for the surgical team.

The standard table top configuration for the reverse orientation will also support the full patient weight capacity of 350 kg.



THORACIC SURGERY

With the one-touch FLEX command on the hand control unit, it is easy to position the patient laterally and expose the surgical field. The double-joint head rest allows for anatomically correct positioning of the cervical spine and the patient's head.



GENERAL / ENDOSCOPIC SURGERY

The split leg plate option is ideal for endoscopic surgical procedures, for fundoplication or gastric banding. Whether with the semi seated position or with flat supine patient positioning for laparoscopic surgery in the abdominal area, the split leg plates provide both excellent access for the surgeon and sufficient support for the patient's legs.



GYNAECOLOGY

The modular table top provides excellent conditions for all lithotomy positioning: enabling excellent access for the surgeon and the anaesthetist. The adaptability of the table top prevents from the necessity to reposition the patient longitudinally between anaesthesia induction and the procedure.

If required, an optional light weight transfer board eases positioning for short term cases.



UROLOGY

For urological applications the patient can be positioned using the TUR module in normal or reverse orientation. When used in reverse orientation, the table affords the surgical team optimal C-arm coverage for up to 920 mm, especially favourable for KUB imaging.



ORTHOPAEDIC SURGERY / SHOULDER

For all open and arthroscopic shoulder procedures, the perfect functionality of the optional shoulder module will provide undisturbed surgeon and C-arm access exactly where required.



ENT / OPHTHALMIC / NEURO SURGERY

Positioning the patient in reverse orientation offers unsurpassed surgical team access for all procedures at the area of the patient's head without table base interference. The semi- or strictly seated positioning is set up easily and quickly with the CHAIR comfort function on the hand control unit. Picture showing special neuro accessories.

POSITIONABLE

VERSATILE

VERSATILE, MODULAR, CONFIGURABLE

Freely configurable, modular table top and versatile on-board features such as one-touch comfort functions FLEX, CHAIR, total and individual return to level or further standard equipment such as double-jointed head rest or base track stabilisation mode make the OPERON B 710 a universal OR table for all surgical requirements. These features combine with a 350 kg patient weight capability and a serial interface port, allowing fast, precise status analysis, error diagnosis and individual speed adjustment. The broad range of optional components and accessories complements the table's performance and includes the power drive unit for unsurpassed manoeuvrability.

POWERED TABLE TOP ADJUSTMENTS

for all functions including 4 comfort functions providing user friendliness and stress free working conditions.

X- RAY CASSETTE CHANNEL

over the entire length of the table top completing convenient conditions for intraoperative imaging.

SPLIT LEG PLATES OPTION

as one of various configuration abilities of the modular table top ensuring optimal adaptability to any requirement for dedicated surgical disciplines.



SERIAL INTERFACE PORT

offers connectivity capabilities such as computer assisted servicing support and external control abilities e.g. voice activation systems.

INTEGRATED TRACK STABILISATION

castor lock activated via hand control unit for comfortable, controlled table movement over longer distances.



350 KG WEIGHT CAPACITY

on the modular table top respecting anthropometric characteristics for maximum patient comfort and positioning safety.

DOUBLE JOINT HEAD REST

providing efficient support to the patient's neck while inclined and correct position of the patient's head during lateral patient positioning.



1070 mm IMAGING COVERAGE

providing optimal conditions for intraoperative C-arm access already in standard normal orientation; effortlessly extendable to 1470 mm.

AUXILIARY CONTROL PANEL

with independent and redundant electronic control provides back-up in emergency situations.



POWER DRIVE UNIT OPTION

via hand control unit propels the table transport and gives extraordinary manoeuvring comfort

OPERON B 710

Powered adjustment functions for	
Height up / down:	720 – 1140 mm
Trendelenburg / Reverse Trendelenburg:	30° / 30°
Lateral tilt left / right:	20° / 20°
Back plate up / down:	70° / 70°
Leg plate up / down:	70° / 70°
FLEX; i.e. combined adjustment of Reverse Trend. and back plate down	
CHAIR; i.e. combined adjustment of Trendelenburg, back plate up and leg plate down	
0-position	
Table base locked / unlocked	
Move table freely / track stabilised	
Patient orientation normal / reverse	
Optional (accordant table version):	Move table forward / backward
Dimensions	
Length with / without head plate:	2060 / 1720 mm
Width / with over side rails:	530 / 580 mm
Range of C-arm access (using standard configuration of table top)	
Head end side:	1070 mm
Foot end side:	720 mm
Weight of OR table:	approx. 280 kg
Max. patient weight (using standard configuration of table top for normal / reverse orientation)	350 kg

For over 80 years, BERCHTOLD has been a world leader in the design and manufacture of quality surgical equipment. With our focus on the operating room, we deliver best in class products, experienced planning and project management, and service with a personal touch. We measure our success by the quality of our customer and employee relationships.

Our products and services ...

- CHROMOPHARE® surgical and examination lights
- ChromoVision® camera systems
- ChromoView monitor arms
- OPERON® surgical tables and accessories
- ORICS® telemedicine
- SUPERSUITE® custom surgical environments
- Factory trained service and installation support
- Design, consulting, project management and customer support

We invite your inquiry and the opportunity to assist in the planning, design and installation of your next surgical environment.



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