



OP-Tische

OR-Tables

AMNOTEC

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Über uns

About us



Tuttlingen, Germany –
Weltzentrum der Medizintechnik
World centre of medical technology

AMNOTEC - Leidenschaft für Chirurgie Lösungen AMNOTEC - Passion for Surgical Solutions

"Medizintechnik aus Tuttlingen" – dieser Begriff steht für hochwertigste Produkte sowie für Dynamik und Fortschritt auf dem Gebiet der Medizintechnologie und der Minimalinvasiven Chirurgie. Im Weltzentrum der Medizintechnik Tuttlingen gehört AMNOTEC International Medical GmbH, mit über 30 Jahren Erfahrung, zu einem der aufstrebenden Medizinproduktehersteller und -anbieter.

Das gesamte Portfolio umfasst über 20 000 medizinische Produkte aus den Bereichen Chirurgische Instrumente und Container Systeme, Endoskopie (Geräte, Endoskope, Laparoskopie, Urologie, Hysteroskopie, Arthroskopie), Elektrochirurgie, Operationsleuchten und -tische sowie Krankenhaus-Betten. Ein weiterer wichtiger Bestandteil des AMNOTEC-Leistungsspektrums ist die Entwicklung neuester Technologien wie 4K-Bildgebungssysteme, LED-Lichtquellen, Drei-Schaft-Endoskope sowie Hochfrequenz-Geräte und Instrumente in der Minimalinvasiven Chirurgie (MIC).

AMNOTEC hat sich als Komplettanbieter für die Ausstattung von Operationssälen spezialisiert. Das fundierte Fachwissen des gesamten AMNOTEC-Teams sowie die Qualität der Produkte, die Flexibilität und ein exzellenter Kundenservice sind die Eckpfeiler des Unternehmens.

The concept "Medical Technology from Tuttlingen" stands for Surgical and Medical-engineering Instruments of highest quality as well as for dynamic and progress. Located at the global center for Medical Technology in Tuttlingen, AMNOTEC International Medical GmbH with more than 30 years' experience is one of the ambitious medical device manufacturers and suppliers.

The entire product portfolio includes more than 20 000 medical products in the area of Surgical Instruments and Container Systems, Endoscopy (Units, Endoscopes, Laparoscopy, Urology, Hysteroscopy, Arthroscopy), Electro-Surgery, Operating Lights and Tables as well as Hospital Beds. An important element of AMNOTEC range of services is the development and production of state-of-the-art technologies, such as 4K-Visualization Systems, LED Light Sources, 3-Shaft Endoscopes as well as Electro-Surgery Units and Instruments for the Minimal Invasive Surgery (MIS).

AMNOTEC has established itself as a full-service provider for the Operating Room. The well-founded specialist knowledge of the entire AMNOTEC team in addition to the quality of the products, flexibility and an excellent customer service are the cornerstones of the company.

Über 20.000 Artikel - weltweit verfügbar
More than 20 000 articles - in a worldwide distribution



Allgemein Chirurgie
General Surgery



Laparoskopie
Laparoscopy



Mikro Instrumente
Micro Instruments



Endoskope
Endoscopes



Dental Instrumente
Dental Instruments



Arthroskopie Instrumente
Arthroscopy Instruments



Container Systeme
Container Systems



Endoskopische Geräte
Endoscopic Units



Hochfrequenz Chirurgie
High Frequency Surgery



Urologie
Urology



OP-Leuchten
OR-Lights



Hysteroskopie
Hysteroscopy



OP-Tische
OR-Tables



Krankenhausbetten
Hospital Beds



OP-Tische

OR-Tables

TECHNOLOGIES APPLIED IN THE PRODUCTS



InteliProtect™

This technology is primarily based on the use of new, better-grade stainless steel (AISI 316 according to the international standard EN 10088) and modernization of the production process, which reduced the number of contaminants generated on the table surface. In addition, **InteliProtect™** technology means that we are using a richer chemical bath that better protects our products. Additionally, places particularly exposed to contamination and corrosion, are covered with a protective layer of a zinc-based agent.



fCharge™

All battery cells powering AMNOTEC products are carefully selected from a reliable supplier we have been cooperating with for many years. Each **fCharge™** battery cell undergoes inspection at an external company, then goes through multiple tests at several technology departments of our factory. The **fCharge™**, fast charging technology charger used in our products allows for quick supply of the necessary amount of electricity to carry out the first treatments. A minimum of several dozen guaranteed full work cycles ensures safety in the course of performing every medical procedure.

AlterSafe™

The alternative drive ensures operation of all electric table adjustment options in the event of control circuit failure or essential power supply failure. Tables with the alternative **AlterSafe™** technology drive have two independently operating drive systems: electro-hydraulic and mechanical-hydraulic. The alternative mechanical-hydraulic **AlterSafe™** system allows for the operation of all functions available through the electrical system. Individual table functions are selected using a lever placed in the table base and are carried out using a foot pump.



bbSafe™

Wired remote control with 2.8" screen in IPS technology, which enables quick and precise change of position and real-time preview of setting values. For patient safety, we have designed the **bbSafe™** system – triple protection against accidental change of position and a warning about high energy consumption. Following an adjustable idle time, the remote control automatically switches to standby mode. In addition, there is a two-step process of changing the bed's position – the operator first presses a button corresponding to the category of movement, and then, in the next step, enters information about its direction. Moreover, the **bbSafe™** system warns the user when the movement of the table puts a heavy load on the battery cells – this allows you to predict the power consumption and plan battery charging accordingly. The remote control meets the IP54 standard.



rCover™

The wireless remote control for the operating table is an option for the facilities which require maximum convenience and usability. This controller offers all the features of a wired remote control, a powerful battery pack and a docking station with a wireless charger. It is equipped in **bbSafe™** and **rCover™** technology – built-in protection against interference with other wireless devices that work in the vicinity of the operating room. Part of the system is also a special table and the remote-control pairing procedure and appropriately calculated signal power limit.



pDetach™

Optional control of the operating table located on the column. This additional control module is a removable panel that can be detached from the column and operated like a traditional remote control. It provides full functionality in setting the table position. The panel has a convenient **pDetach™**, magnetic mechanism, which protects it against getting accidentally brought down, while providing a simple and quick disassembly.



MobiWeight™

The AMNOTABLE has a column with systems that allow for changing the table position with the maximum load. **MobiWeight™** system cares for patient safety and does not drain too much energy from the battery cells. It also controls the table movement in a smooth way, slowly initiating any position changes. Thanks to its double system of height adjustment, **MobiWeight™** facilitates table lowering to the height of 680 mm. It makes it much easier to correctly position a patient on AMNOTABLE top. High load capacity does not exclude a good value of longitudinal travel parameter. **MobiWeight™** allows for top travel distance of up to 400 mm.



TotalClear™

TotalClear™ is the effect of years of designing various prototype carbon fiber tops, experiments with types of fibers and their arrangement. Due to extensive research in a professional measuring institute, the final structure and direction of fiber arrangement in **TotalClear™** system allows for the reduction of the number of artifacts on images. As a result, the risk of misdiagnoses based on imaging is reduced to the minimum. The tabletop made with the use of **TotalClear™** technology not only has a very good translucency parameter, but above all it helps obtain images that are very clear and free from distortions. It ensures diagnostic reliability and the certainty of your every move. The table top made in **TotalClear™** technology does not have any crossbeams (frame-less structure). It is made of a uniform carbon plate with 360° translucency.



InfiniMove™

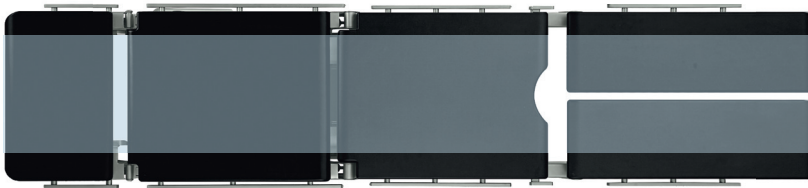
The table top has special immersion for stepless mounting of additional accessories. The main features of the **InfiniMove™** adapters are the possibility to change the place of equipment assembly and quick disassembly of the rails (so that they do not interfere during the procedure and do not create disturbances during imaging). Adapters have latches at their ends that protect the accessories against accidental disassembly.

STANDARD FUNCTIONS AND SOLUTIONS

Cooperation with C-arm

Longitudinal table top shift combined with asymmetric table column location allow you to use the C-arm during interventions, which require continuous patient monitoring.

Table top is fully translucent (with certificate), all inner crossbars for strengthening the construction are made from carbon fibre and will not affect the pictures.



Range of X-ray permeability (remember, you can always switch the leg and head sections).



Mattresses



Quick and easy way to remove the mattresses

Table is equipped with removable, seamless, molded polyurethane mattresses 50 mm thick. All mattresses are antistatic, waterproof and X-ray translucent. They can be easily detached from the table top (they are mounted on with the use of special pegs, which secure them in place and prevent from moving during the table adjustments). The homogenous surface of the mattress is easy to clean and resistant to disinfecting agents.

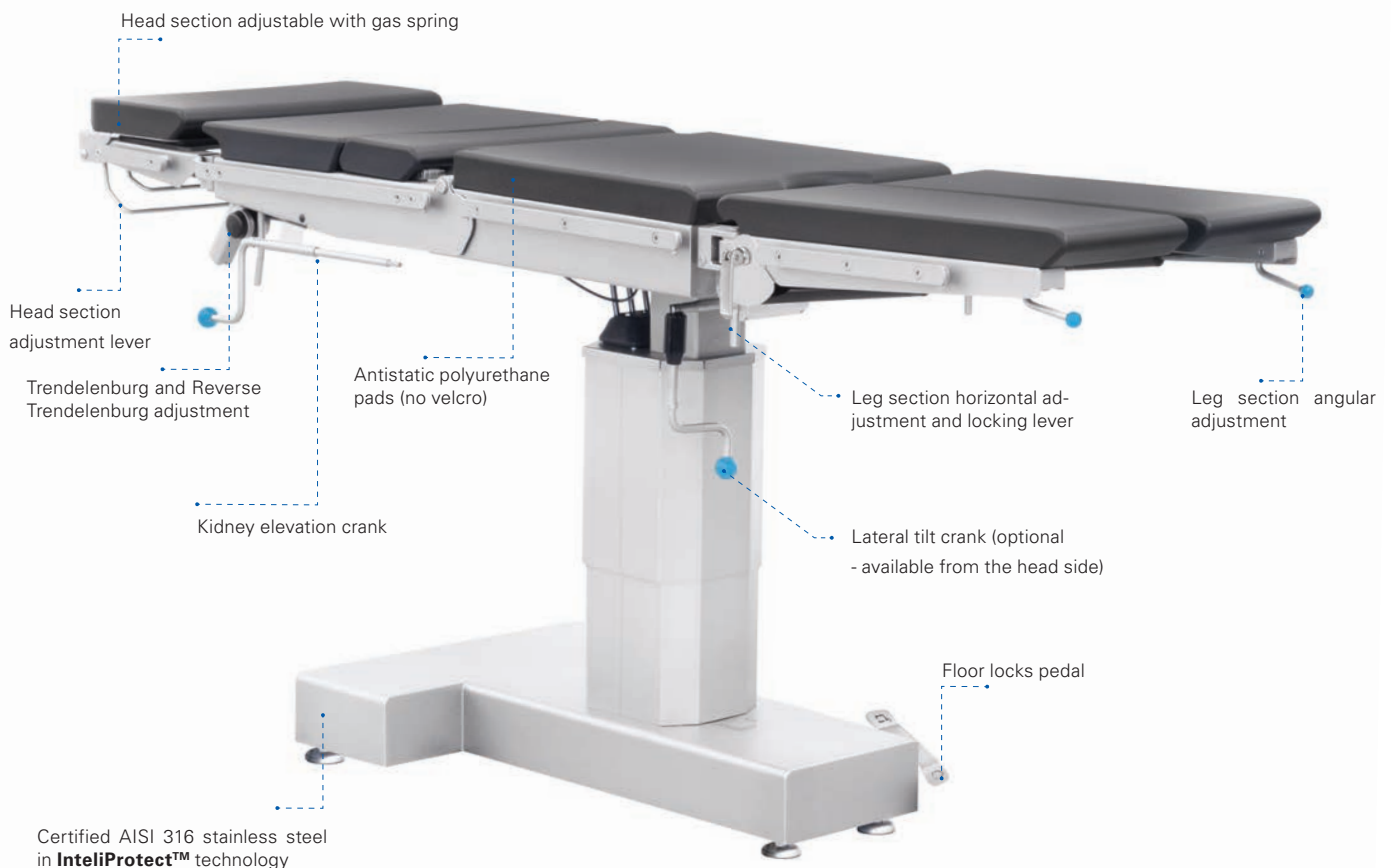
Every mattress undergoes several thorough quality tests to ensure long-lasting, trouble-free use.



AMNOTABLE COMPACT

ECONOMIC AND DURABLE MECHANICAL-HYDRAULIC OPERATING TABLE WITHOUT ELECTRIC CONTROLS

A fully functional operating table without electrical control eliminates the risk of failure to almost zero. This table is great for use in places with no access to the electrical network and where the simplicity of construction and service is appreciated. A wide range of accessories allows it to be used in virtually any type of surgery. All steel elements are made of high-grade stainless steel using the IntelliProtect™ technology - matte finish with additional zinc protection, surface resistant to disinfectants.



82-002-05	5 sections
82-002-06	6 sections

Full range of specialist equipment is introduced inside "Accessories for OR-Tables" catalogue.

Standard structure

- Surgical table made of stainless steel, with matte surface
- Central blockade activated by foot lever (locking mechanism in T-shape base via four retractable footers)
- Removable, seamless, waterproof, disinfectant resistant pads
- Table top sections are radiotranslucent for better cooperation with C-arm
- All surfaces are easy to clean and disinfectant resistant
- Removable and interchangeable head section and leg section
- One piece leg plate available

Functions and drives

- Height adjustment via hydraulic actuator activated via foot pump
- Back rest section inclination, leg rest section inclination (in five and six section tabletop), head rest section adjustment, Trendelenburg and Reverse-Trendelenburg functions are supported by gas springs with blockade
- Kidney elevator, in six-section table top, is adjusted manually with use of crank placed at patient's head side
- Lateral tilts are executed with the use of a crank, located on the side of the table under the seat segment or optionally by a crank located at the patient head side
- Largest segment is adjustable aside manually



Trendelenburg and
Reverse-Trendelenburg tilt



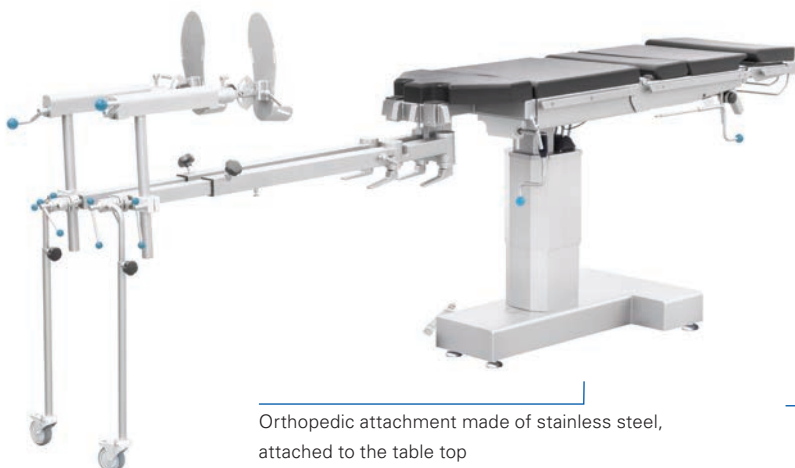
Side tilts



Position for laparoscopic interventions



Gynecological position with additional accessories:
knee rest and gynecological attachment



Orthopedic attachment made of stainless steel,
attached to the table top



Beach chair position

INTERCHANGEABLE TABLE SECTIONS

Table is equipped with removable and interchangeable head and leg sections



Mobile, T shaped base
4 floor locks equipped with locking lever

TABLE TOPS OPTIONS

Total length:

- 5-sections table top 2060 mm
- 6-sections table top 2060 mm

Total width:

- 5-sections table top 550 mm
- 6-sections table top 550 mm

Leg segment length:

- 5-sections table top 615 mm
- 6-sections table top 615 mm



5-section table top



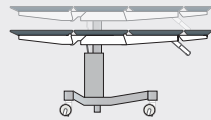
6-section table top



FUNCTIONS AND AVAILABLE POSITIONS



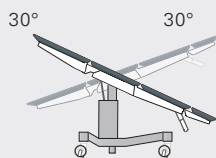
Operating table
functions performed by foot pump



725 to 1025 mm

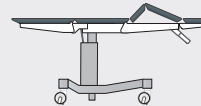


Operating table
functions performed manually



30°

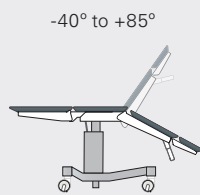
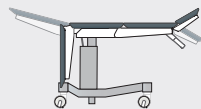
30°



150 mm*

-50° to +55°

-90° to +25°

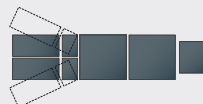


-40° to +85°

±25°



180°



* in 6-section table top

TECHNICAL DATA

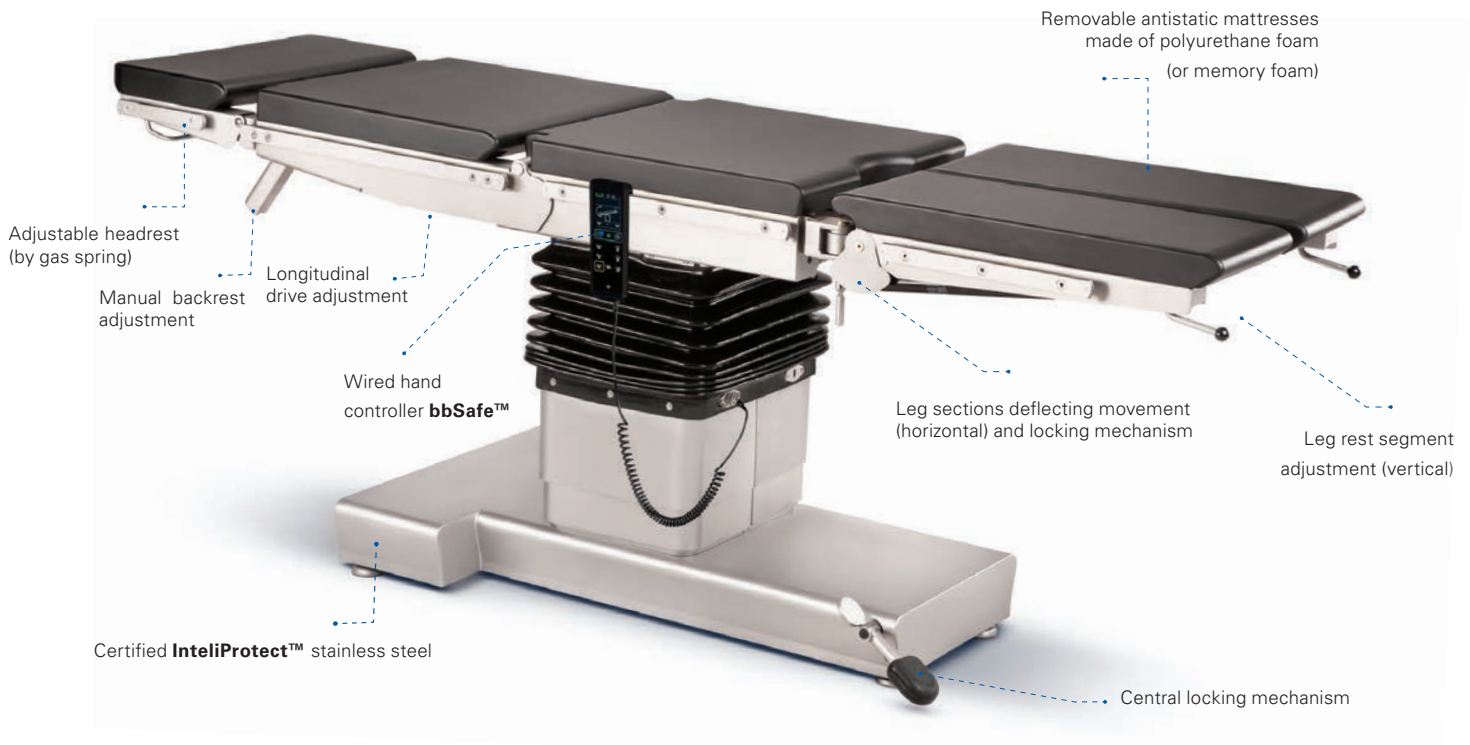
	5 sections	6 sections
	82-002-05	82-002-06
Total table length	2060 mm	
Total table top width	550 mm	
Mattress width x thickness	500 x 50 mm	
Table top height adjustment	725 to 1025 mm	
Trendelenburg position	30°	
Reverse Trendelenburg position	30°	
Lateral tilts	±25°	
Back rest segment adjustment	-40° to +85°	
Head rest adjustment	-50° to +55°	
Kidney elevator height adjustment (6 sections table top)	150 mm	
Leg rests inclination angle adjustment (5 and 6 table top sections)	-90° to +25°	
Leg rest segment aside inclination aside adjustment	180°	
Permissible load (leg rest segment fixed in seat segment / leg rest segment in back rest segment)	200 kg	
Table weight	160 kg	



AMNOTABLE PREMIUM

STATE-OF-THE-ART OPERATING TABLE WITH ELECTRO-HYDRAULIC CONTROL

AMNOTABLE PREMIUM is an universal product and offering numerous functions, high load capacity, good radiolucency parameters, longitudinal travel and large variety of compatible accessories.



82-003-05	5 sections
82-003-06	6 sections

Full range of specialist equipment is introduced inside "Accessories for OR-Tables" catalogue.

Standard structure

- All steel components are made of acid-proof stainless steel with matt finish, resistant to disinfecting agents
- Mobile base is equipped with central locking system activated by a foot lever (T-shaped base: mechanical-hydraulic foldable pods; central lock with directional lock)
- Mattresses are easy removable from the table top section
- Surfaces of the tables are easy to be kept clean and are resistant to disinfecting agents
- The table top is X-ray translucent. It enables taking X-ray pictures and monitoring the patient with a C-arm

Functions and drives

- Table top height adjustment, lateral tilt adjustment, Trendelenburg and Reverse-Trendelenburg adjustment, table top leveling are executed by a remote controller with the use of electro-hydraulic motors and 24V **fCharge™** power supply. Hand controller is equipped with battery charge level indicator
- Back rest and leg rest segment (single section) and head rest segment angle adjustment are supported by gas springs equipped with locking mechanism
- Electro-hydraulic back rest segment (optional)
- Divided leg rest sections are being set up with the use of gas springs
- Kidney elevator height adjustment at 6 sections table top is manually executed with the use of the gear transmission located at head rest segment side
- Table top stepless longitudinal shift is executed manually
- Leg rest sections are deflected horizontally manually



Trendelenburg position



Lateral tilt



Chest or gall bladder surgeries (on the photo the table top is equipped with head rest segment and kidney bench is raised).



Position for laparoscopic interventions (deflecting and shifting aside or lowering down the foot section allow achieving anatomic positioning during procedure)



Orthopaedic attachment is made of acid proof, stainless steel (optionally you can choose carbon-fibre version). It's fixed to table top and together with table top has the possibility of height, lateral and longitudinal adjustments. Attachment enables patient's C-arm monitoring during operation and ensures convenient access to the patient for the surgeon.

TABLE TOPS OPTIONS

Total length:

- 5-sections table top 2060 mm
- 6-sections table top 2060 mm

Total width:

- 5-sections table top 550 mm
- 6-sections table top 550 mm

Leg segment length:

- 5-sections table top 655 mm
- 6-sections table top 655 mm



5-sections table top



6-sections table top

Interchangeable sections



There is a possibility to switch the location of the head rest segment with leg rest segment



TECHNOLOGIES AND ACCESSORIES



Wired **bbSafe™** hand controller



Wireless **rCover™** controller with wireless charger (optional)



Column-mounted **pDetach™** control panel (optional)



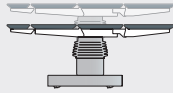
Wired foot controller type (optional)

FUNCTIONS AND AVAILABLE POSITIONS

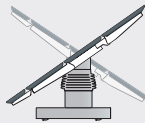


Operating table functions executed with use of the hand controller

680 to 1080 mm

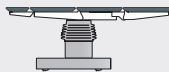


40°



40°

0°

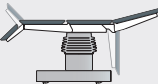


30°



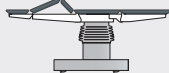
Operating table functions executed manually

-50° to +55°

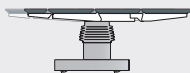


-90° to +25°

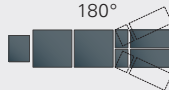
150 mm *



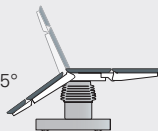
340 mm



180°



-40° to +85°



* in 6-section table top



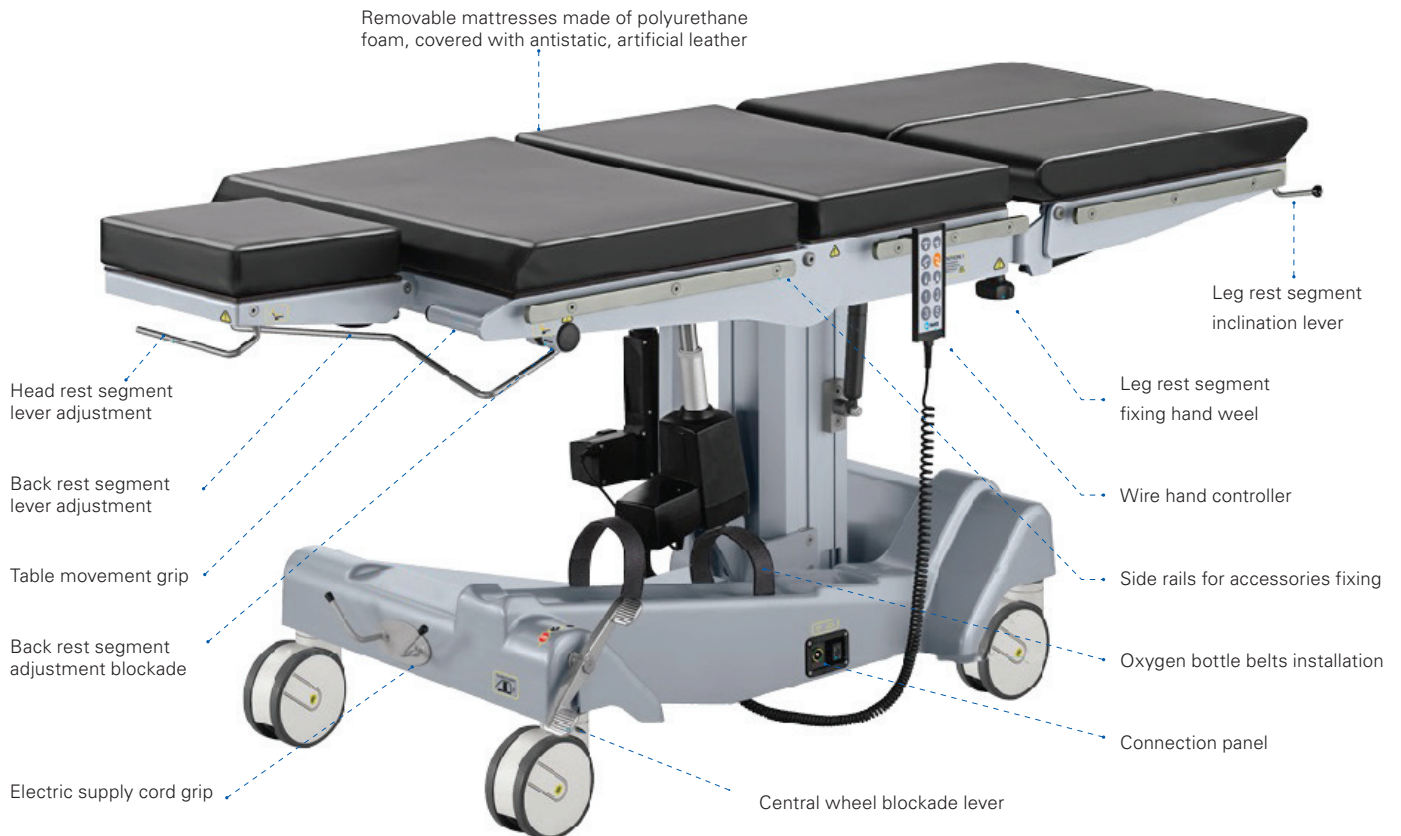
TECHNICAL DATA

	5 sections	6 sections
	82-003-05	82-003-06
Total table top length (with head rest)	2060 mm	
Table top width	500 mm	
Total table top width	550 mm	
Table top height adjustment (without the mattresses)	680 to 1080 mm	
Trendelenburg / Reverse-Trendelenburg	40°	
Lateral tilt	±30°	
Back rest segment adjustment	-40° to +85°	
Head rest segment adjustment	-50° to +55°	
Kidney elevator height adjustment	150 mm	
Kidney elevator adjustment angle	110°	
Leg rest segment inclination adjustment	-90° to +25°	
Maximum leg rest segment inclination	180°	
Table top longitudinal shift	340 mm	
fCharge™ battery power	24 V DC	
Maximum permissible load static/dynamic	350 kg / 200 kg	
Total table weight	250 kg	
Protection grade (IP Code in IEC standard 60529)	IP-X4	

AMNOTABLE COMFORT

ECONOMIC AND DURABLE ELECTRO-MECHANICAL OPERATING TABLE

The AMNOTABLE COMFORT operating table combines the features of an operating table and a transport trolley. It is functional, comfortable and economical. The built-in place for the oxygen tank allows for use in outpatient surgery or one-day surgery.



82-014-05 5 sections

Full range of specialist equipment is introduced inside "Accessories for OR-Tables" catalogue.

Standard structure

- The table is made of carbon steel covered with powder lacquer, polyester-epoxy type. Operating table base is equipped with plastic cover. Entire table allows easy cleaning and is resistant to disinfectant agents
- Movable operating table base is equipped with diameter 150 mm wheels with one directional wheel. Base is equipped with wheels central blockade lever
- Removable table top segment mattresses are made of polyurethane foam covered with artificial leather resistant to disinfectant agents. Mattresses are special type and prevent creation of bed-sores for patient. These memory foam mattresses forms according to the body temperature
- Table top sections are X-ray translucent. Thanks to this, it's possible RTG photos execution on the table top and patient monitoring with C-arm use

Functions and drives

- Table top height adjustment, lateral tilts, Trendelenburg and Reverse Trendelenburg tilts and the table top levelling are performed thanks to wire hand controller by the use of electro-mechanic drive system powered by 24 V batteries
- The back rest segment, head rest segment and leg rest segment adjustment is manually performed by gas springs with blockades
- Control system using the wire controller makes possible program arrangement and operating table setting up with table top at three charged positions (for example at horizontal position)



Proctologic position

Gynaecological position

Offered Equipment



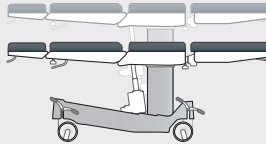
Wire hand controller

FUNCTIONS AND AVAILABLE POSITIONS

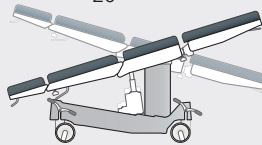


Operating table functions
executed with use of the hand
controller

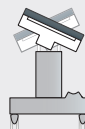
750 to 1050 mm



20°

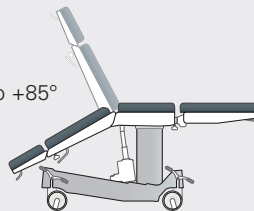


20°

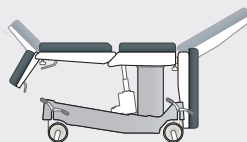


Operating table functions
executed manually

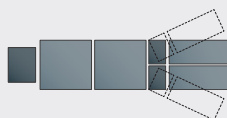
-40° to +85°



-65° to +35°



180°





TECHNICAL DATA

	5 sections
	82-014-05
Total table length with head rest segment	2030 mm
Total table top width	650 mm
Mattress width x thickness	605 mm x 60 mm
Table top height adjustment	750 to 1050 mm
Trendelenburg position	20°
Reverse Trendelenburg position	20°
Back rest segment adjustment	-40° to +85°
Head rest adjustment	-65° to +35°
Inclination angle adjustment of plate leg rests	-90° to +20°
Divided leg rest segment inclination angle adjustment	-90° to +25°
Divided leg rest segment aside inclination angle adjustment	up to 180°
Lateral tilts	±20°
Battery power	24 V DC
Power supply	230/127/110/100 V~, 50/60 Hz
Power consumption	250 VA
Permissible load	200 kg
Total table weight	160 kg



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AMNOTEC - Leidenschaft für Endoskopie Lösungen AMNOTEC - Passion for Endoscopy Solutions



"Medizintechnik aus Tuttlingen" – dieser Begriff steht für hochwertigste Produkte sowie für Dynamik und Fortschritt auf dem Gebiet der Medizintechnologie und der Minimalinvasiven Chirurgie. Im Weltzentrum der Medizintechnik Tuttlingen gehört AMNOTEC International Medical GmbH, mit über 30 Jahren Erfahrung, zu einem der aufstrebenden Medizinproduktehersteller und -anbieter.

Das gesamte Portfolio umfasst über 20 000 medizinische Produkte aus den Bereichen Chirurgische Instrumente und Container Systeme, Endoskopie (Geräte, Endoskope, Laparoskopie, Urologie, Hysteroskopie, Arthroskopie), Elektrochirurgie, Operationsleuchten und -tische sowie Krankenhaus-Betten. Ein weiterer wichtiger Bestandteil des AMNOTEC-Leistungsspektrums ist die Entwicklung neuester Technologien wie 4K-Bildgebungssysteme, LED-Lichtquellen, Drei-Schaft-Endoskope sowie Hochfrequenz-Geräte und Instrumente in der Minimalinvasiven Chirurgie (MIC).

AMNOTEC hat sich als Komplettanbieter für die Ausstattung von Operationssälen spezialisiert. Das fundierte Fachwissen des gesamten AMNOTEC-Teams sowie die Qualität der Produkte, die Flexibilität und ein exzellenter Kundenservice sind die Eckpfeiler des Unternehmens.

The concept "Medical Technology from Tuttlingen" stands for Surgical and Medical-engineering Instruments of highest quality as well as for dynamic and progress. Located at the global center for Medical Technology in Tuttlingen, AMNOTEC International Medical GmbH with more than 30 years' experience is one of the ambitious medical device manufacturers and suppliers.

The entire product portfolio includes more than 20 000 medical products in the area of Surgical Instruments and Container Systems, Endoscopy (Units, Endoscopes, Laparoscopy, Urology, Hysteroscopy, Arthroscopy), Electro-Surgery, Operating Lights and Tables as well as Hospital Beds. An important element of AMNOTEC range of services is the development and production of state-of-the-art technologies, such as 4K-Visualization Systems, LED Light Sources, 3-Shaft Endoscopes as well as Electro-Surgery Units and Instruments for the Minimal Invasive Surgery (MIS).

AMNOTEC has established itself as a full-service provider for the Operating Room. The well-founded specialist knowledge of the entire AMNOTEC team in addition to the quality of the products, flexibility and an excellent customer service are the cornerstones of the company.

