



SU-03

Economical table with
electro-hydraulic control

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Famed SU-03 operating table is a universal product with a very affordable price. SU-03 offers numerous functions, high load capacity, good radiolucency parameters, longitudinal travel and rich choice of compatible accessories. And it has the legendary quality of the Żywiec plant production.

The entire offer of additional equipment is presented in the "Equipment for operating tables" catalogue.

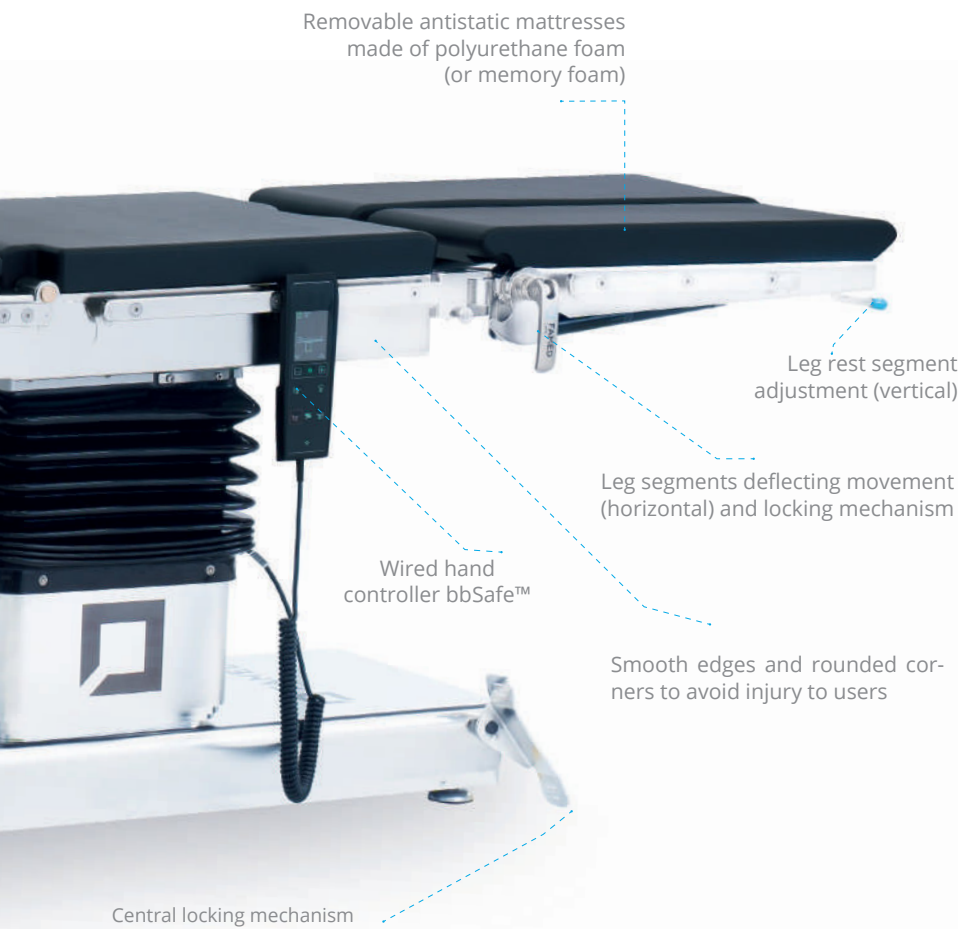


Standard structure

- All steel components are made of high-alloy, corrosion-resistant stainless steel AISI 316L that subjected to electropolishing process - **IntelliProtectPlus™** technology, resistant to disinfecting agents.
- Mobile base is equipped with central locking system activated by a foot lever (T-shaped base: mechanical-hydraulic foldable pods; H-shaped base (large wheels) .
- Mattresses are easy removable from the table top segments.
- 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 with the use of 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 (option in SU-03; standard in SU-03.91).
- Divided leg rest segments are being set up with the use of gas springs.
- Kidney elevator height adjustment at 5 and 6 segments 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 segments are deflected horizontally manually.



Trendelenburg position



Lateral tilt



Gynaecological and urological position



Proctologic position

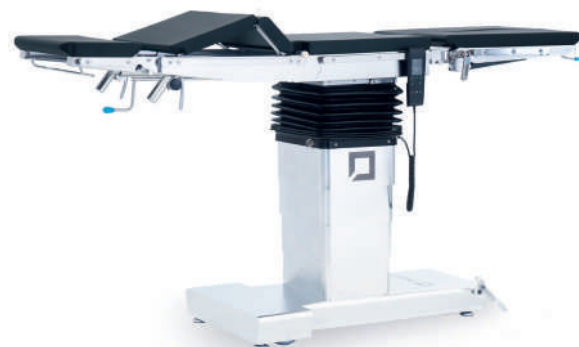
Proctology attachment WS-30.5



Beach chair position



Raised kidney bench



STANDARD FUNCTIONS AND SOLUTIONS

Cooperation with C arm

Longitudinal table top shift, asymmetric table column location allow you to use the C arm during interventions required continues patient monitoring. Table top is fully translucent.



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



Mattresses



Table is equipped with removable, seamless, molded polyurethane pads 40 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 secures them in place and prevents from moving during the table adjustments). The homogenous surface of the mattress is easy to clean and resistant to disinfecting agents.

Every mattress is made inside Famed facility, undergoes thorough several quality tests to ensure long-lasting, trouble-free use.

Quick and easy way to remove the mattresses

Available base options



Mobile base
H-shaped base equipped with large 125 mm wheels

TABLE TOPS OPTIONS



Total length:

- 4-segments table top 2060 mm
- 5-segments table top 2060 mm
- 6-segments table top 2160 mm

Total width:

- 4-segments table top 550 mm
- 5-segments table top 550 mm
- 6-segments table top 550 mm

Leg segment length:

- 4-segments table top 655 mm
- 5-segments table top 655 mm
- 6-segments table top 765 mm

Table top BL-20.0 technical data (without the head rest segment):

- Total table top length 1735 mm
- Total table top width 545 mm
- Back rest adjustment -25° to +80°



4-segments table top



5-segments table top



6-segments table top



Possibility removal of the table top segments

TECHNOLOGIES AND ACCESSORIES

InteliProtectPlus™



Operating tables in the InteliProtectPlus™ technology are made of high-alloy, corrosion-resistant AISI 316L stainless steel (marked according to European standards as X2CrNiMo17-12-2 / 1.4404) - we use the best stainless steel on the operating table market. Due to the high percentage of nickel, molybdenum in the mixture and low carbon content (<0.03%), 316L steel is characterized by high tolerance to alkaline and acidic environments. This allows its use, among others in the manufacture of surgical instruments. In order to provide additional steel protection, we have also implemented the electropolishing and passivation process. Electropolishing is a process whose purpose is to remove impurities, smooth and restore the surface of the steel to the proper passive layer that protects it against corrosion. Thanks to the InteliProtectPlus™ technology, chromium atoms accumulate on the steel surfaces of our products and their structure becomes harder. In addition, the smoothed and shiny surface guarantees easy disinfection and maintaining the product clean. It also helps to protect it against dust and dirt. Steel surfaces with InteliProtectPlus™ technology are still protected even when the surface gets scratched - in the process of atmospheric oxygen getting to the damaged spot, passivation occurs and the risk of corrosion is excluded. As the only manufacturer of operating tables, the places that were the subject of mechanical treatment are additionally secured with a protective layer of a zinc-based agent.

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 IP67 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.

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.



Wired **bbSafe™** hand controller



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



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



Wired foot controller type WS-36.6 (option)



SU-03 **AlterSafe™** alternative drive (H-base)

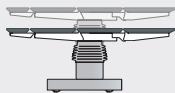


SU-03

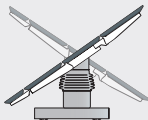


Operating table functions
executed with use of the
hand controller

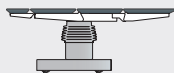
680 to 1080 mm



40° 40°



"0"



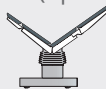
30°



220°
Flex (optional)

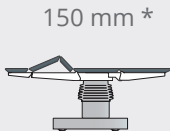
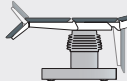


100°
Reflex (optional)

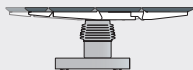


Operating table functions
executed manually

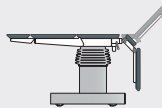
-50° to +55° -90° to +30°



340 mm



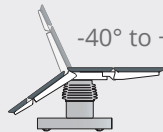
-90° to +45° **



180°



-40° to +85° (standard)



* in 5 or 6 segment table top

** in 6 segment table top

Technical data	SU-03
Total table top length	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
Leg rest segment inclination adjustment (4,5 - section)	-90° to +30°
Leg rest segment inclination adjustment (6 - section)	-90° to +45°
Maximum leg rest segment inclination	180°
Table top longitudinal shift	340 mm
fCharge™ battery power	24 V DC
Maximum permissible load static/dynamic (standard)	350 kg / 200 kg
Maximum permissible load static/dynamic (optional)	350 kg / 250 kg
Total table weight	250 kg
Class of protection against electric shock	I
Type part of the application	B
Protection grade (IP Code in IEC standard 60529)	IP-X4

Table parameters may change.



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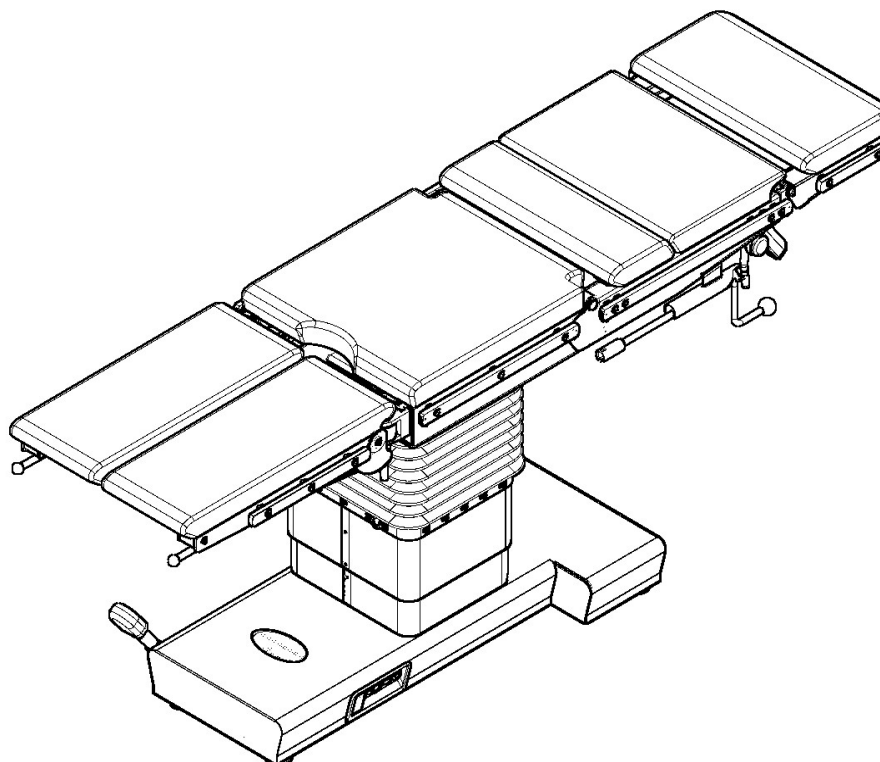
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USER MANUAL



Operating table SU-03 Alternative name SU-03 PRIME

Factory no:

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Version 39.00

Issuance date: 17.07.2023



FAMED ŻYWIEC Spółka z o.o.

Appendixes: 2, 3, List of Spare Parts.

17	Wired remote control socket
18	Infrared sensor
19	Lever of headrest segment angle adjustment
20	Lever of longitudinal table top shift adjustment
21	Lever of backrest segment angle adjustment
22	Blockade of the longitudinal table top shift adjustment lever
23	Blockade of the backrest segment angle adjustment lever
24	<i>Headrest wedge release button</i>
25	<i>Footrest spread angle locking lever</i>
26	Lever of leg rest support segment angle adjustment
27	Lever of alternative drive pump (option)
28	Lever of change of alternative drive function (option)
29	Left handle
30	Right handle

1.6 Technical Data

- total table top length (four and five segments) 2060 [mm]
- total table top length (six segments) 2160 [mm]
- Tabletop width 500 [mm]
- total table top width 550 [mm]
- minimum table height without mattress 680 [mm]
- maximum table height without mattress 1080 [mm]
- lifting angle of back-rest 85°
- lowering angle of back-rest 40°
- Raised kidney bench height 150 [mm]
- lifting angle of leg segment 30° (table top four- and five sectional)
- lifting angle of leg segment 45° (+45°) (table top six sectional)
- lowering angle of foot-support 90°
- spreading angle of foot-supports 180°
- angle of lateral tilt ± 30°
- head section lifting angle up 55°
- head section lifting angle down 50°
- table top longitudinal shift 340 [mm]
- Trendelenburg 40°
- Reverse Trendelenburg 40°
- table weight 250 [kg]
- Allowable dynamic load Variant „A“ 200 [kg]. Variant „B“ 135 [kg]
- Allowable static load Variant „A“ 350 [kg]. Variant „B“ 200 [kg]
- power supply 24 [V]
- battery charging time < 12 [h]
- working time without recharging batteries about 80 cycles
- battery charger built-in
- battery charger power supply 220/230 [V]~50/60 [Hz] (110[V]~, 127[V]~ option)
- electric power
 - standard version 350 [VA]
 - Supermobil version 350 [VA]
 - Alternative drive version 350 [VA]
- class of protection before electric paralysis I
- type of the part application B
- degree of protection before influence of environment IP-X4
- Duty intermittent (2 min of duty/ 18 min of interruption)
- usage time 10 years

*** Two-section headrest parameters:

- headrest uplift angle 50°