

DATA SHEET

ALVO SERENADA 4-04



Operating table SERENADA with electro - hydraulic drive. Made of stainless steel. Height adjustment, Trendelenburg / Reverse Trendelenburg, lateral tilts, levelling positions, back rest, kidney elevator (5 and 6 sections table-tops) adjustable by electro-hydraulic drive, activated by wire controller and side control panel. Head plate, leg plates adjustable manually, gas spring supported. Leg plates abduction adjustable manually. Mattresses made of polyurethane foam, with antibacterial coating. Base: T-shaped, mobile, central brake system.

The main elements of the table are a 4-, 5-, 6-segment tabletop and a movable base. Optionally the table can be equipped with modular tabletop and a Supermobile base. The tabletop is integral with the base. The segments of tabletop are removable and interchangeable connected by using quick hitch system.

The change of position of individual table segments and the movement of the column are performed with mechanical, electric, electro-hydraulic, hydraulic or pneumatic elements. The functions performed by the drive (electronically): height adjustment, Trendelenburg, reverse Trendelenburg, lateral tilt, back rest, kidney elevator (5 and 6 sections table-tops) 'flex' and 'reflex' position, "0" position. The functions performed mechanically: base mobility block, longitudinal shift, head rest adjustment, foot rest adjustment.

Various segments of the table are transparent to X-rays and equipped with high quality antistatic PU foam or ultrasonic welded soft foam core pads. Table could be additionally equipped with accessories for patients positioning. Operating table can be equipped with mechanic-hydraulic alternative drive allowing to control selected adjustments of the table in case of main drive failure. The table is controlled using the wire hand controller (wireless controller as an option) and additional side panel (standard). Optionally the operating table can be controlled by using alternative drive or foot controller. Table could be easily integrated with ALVO Integra integration system.

TECHNICAL PARAMETERS	
Serenada (standard)	
Total length of the table with 4,5-sectional tabletop	2070 mm \pm 20 mm
Total length of the table with 4,5-sectional tabletop with powered longitudinal shift	2100 mm \pm 20 mm
Total length of the table with 6-sectional tabletop	2200 mm \pm 20 mm

Total length of the table with 6-sectional tabletop with powered longitudinal shift	2255 mm ±20 mm
Total length of the table with modular tabletop	2065 mm – 2200 mm * ±20 mm
Total length of the table with modular tabletop with powered longitudinal shift	2110 mm – 2250 mm * ±20 mm
Total length of the table with modular tabletop with motorized foot rest	2125 mm ±20 mm
Tabletop width	500 mm ±15 mm
Tabletop width (with side rails)	560 mm ±15 mm
Height adjustment (without pads)- mobile base, manual longitudinal shift	670 mm – 1120 mm ±20 mm
Height adjustment (without pads)- mobile base, powered longitudinal shift	680 mm – 1130 mm ±20 mm
Height adjustment (without pads)- Supermobile base, manual longitudinal shift	665 mm – 1115 mm ±20 mm
Height adjustment (without pads)- Supermobile base, powered longitudinal shift	675 mm – 1125 mm ±20 mm
Stroke	450 mm
Back rest tilt angle	-35°/75° ±3°
Foot rest tilt angle	-90°/20° ±3°
Multipurpose sectional leg support (option)	-90°/80° ±3°
Foot rest rotation angle	max. 180°
Lateral tilting angle	-30°/30° ±3°
Head rest tilt angle	-45°/45° ±3° -90°/55° ±3° (option)
Trendelenburg / reverse Trendelenburg	40°/40° ±3°
Manual longitudinal shift of tabletop	300 mm ±10 mm 420 mm ±10 mm (option)
Motorized longitudinal shift of tabletop (option)	420 mm ±10 mm (option)
Motorized Elevation of the kidney bench ***	~120 mm
Table mass	250 kg
Safety working load	320 kg (static), 275 kg (dynamic)
Maximum working load dynamic in reverse mode	140 kg
Power supply	24 V
Batteries (sealed, maintenance-free)	12V, 7Ah, 2 pcs.
Battery charging time	~12 h
Working time between battery charging	approx. 60 operations
Type of operation	interrupted operation 2/18 min.
Battery charger	built-in
Charging current	230 V ~ 50/60Hz
Power consumption from mains	1,5 A / 230 V
Lifespan	10 years
International Protection Marking	IP-X4
Application part type	B

*depends on number of segments used

**option for 4-segment tabletop or modular tabletop

*** only for 5-, 6-segment tabletop