

DATA SHEET

ALVO ETIUDA 4-02



Operating table ETIUDA with electro - hydraulic drive. Made of stainless steel. Height adjustment, Trendelenburg / Reverse Trendelenburg, lateral tilts, levelling positions adjustable by electro-hydraulic drive, activated by wire controller and side control panel. Head plate, back plate, leg plates adjustable manually, gas spring supported. Leg plates abduction, kidney elevator (5 and 6 sections table-tops) adjustable manually. Interchangeable head section with leg sections. Mattresses made of 80 mm thick memory foam pad with pin-socket mounting system, washable, with antibacterial coating. Base: T-shaped, mobile, central brake system, 3 wheels 2 x 125mm and 1x100mm.

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

The change of position of individual table to segments and the movement of the column are performed with mechanical, electric, electrohydraulic, hydraulic or pneumatic elements. The functions performed by the drive: height adjustment, Trendelenburg, revers Trendelenburg, lateral tilt, "0" position. The functions performed mechanically: longitudinal shift, base mobility block, head rest adjustment, back rest adjustment, foot rest adjustment, foot rest abduction, lateral tilt adjustment, elevation of the kidney bench. Optionally the table can be equipped with powered: base mobility block and longitudinal shift.

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	
Total length of the table with 4,5-sectional tabletop	2100 mm ±20 mm
Total length of the table with 4,5-sectional tabletop with powered longitudinal shift	2145 mm ±20 mm
Total length of the table with 6-sectional tabletop	2230 mm ±20 mm

Total length of the table with 6-sectional tabletop with powered longitudinal shift	2280 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	700 mm ± 1030 mm ±20 mm
Height adjustment (without pads)- mobile base, powered longitudinal shift	730 mm – 1060 mm ±20 mm
Height adjustment (without pads)- Supermobile base, manual longitudinal shift	700 mm – 1030 ±20 mm
Height adjustment (without pads)- Supermobile base, powered longitudinal shift	730 mm – 1060 mm ±20 mm
Stroke (single electrohydraulic column)	330 mm
Height adjustment (without pads)- mobile base, manual longitudinal shift, double electrohydraulic column	640 mm – 1090 mm ±20 mm
Height adjustment (without pads)- mobile base, powered longitudinal shift, double electrohydraulic column	670 mm – 1120 mm ±20 mm
Height adjustment (without pads)- Supermobile base, manual longitudinal shift, double electrohydraulic column	640 mm – 1090 mm ±20 mm
Height adjustment (without pads)- Supermobile base, powered longitudinal shift, double electrohydraulic column	675 mm – 1125 mm ±20 mm
Stroke (double electrohydraulic column)	450 mm
Flex/Reflex	225°/95°
Back rest adjustment	-45°/85° ±3°
Foot rest adjustment	-90°/20° ±3°
Foot rest rotation angle	max. 180°
Lateral tilt adjustment	-30°/30° ±3°
Head rest adjustment	-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 (option)	420 mm ±10 mm
Elevation of the kidney bench *	~120 mm
Table mass	240 kg
Maximum working load	250 kg (dynamic), 275 kg (static)
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

* only for 5-, 6-segment tabletop