



## **Biodex Surgical C-Arm Table – 840**

The Surgical C-Arm Table 840 is designed for image-guided fluoroscopic procedures where stability, access, and precise, quiet, vibration-free positioning are essential. A cantilevered low attenuation carbon fiber tabletop, with choice of contoured or rectangular design, accommodates portable or ceiling-suspended C-Arms. The contoured top provides ample workspace for anesthesiologists, yet the narrowness required for cervical procedures. The rectangular top offers additional space to allow for superior image quality for long-leg runoff studies. Choose the top that best suits your needs to achieve optimum image resolution.

The extra-large radiolucent area, free-float X-Y tabletop, motorized control of height, lateral roll, Trendelenburg motions and the catheter tray extension make the Surgical C-Arm Table - 840 ideal for cardiovascular procedures. The radiolucent area is free of cross members, allowing full fluoroscopic visualization and unobstructed C-Arm positioning. Functional design provides complete access with reduced radiation exposure to clinicians. Patient comfort and stability are assured by two-inch thick table padding and three adjustable straps with hook and loop fastening. The contoured tabletop features a face cutout for prone positioning.

### **Control Made Easy**

The portable hand-held and foot operated controllers ensure quick and safe tabletop positioning, and can be positioned from any point around the table. Both controllers offer the freedom to adjust height, lateral roll and Trendelenburg motions. The hand-held controller provides the back to level function. The foot-operated controller also releases the tabletop for X-Y positioning and is ideal when hands are busy with other functions.

### **Free-float Feature**

A push-button release for the free-float feature is located at the end of a handgrip. When employing any degree of tilt or roll, X and Y positions are "locked" to prevent gravity-induced X or Y motion. Selective "lockout" of X or Y movement is also provided: head-to-toe (X) float can be maintained during lateral roll; side-to-side (Y) float can be maintained during Trendelenburg positioning.

Both AC and battery power are standard. When operating on battery, there are no power cords to catch on feet or block table wheels. Battery charging can be accomplished during off hours by plugging in the AC power cord. An optional battery with separate charging unit can provide continuous cordless operation.

As required by law, all Biodex C-Arm tables are CDRH registered and FDA Device Listed. All motorized tables are ETL product listed to the UL-60601-1 Medical Electrical Equipment Safety Standard. **Stable, Accessible, Precise, Quiet, and Vibration-Free Positioning!**

Low attenuation carbon fiber tabletop, with choice of classic contoured or rectangular design  
Contoured tabletop features a face cutout for comfortable prone positioning  
High-speed actuators assure quick tabletop positioning; height adjustability, lateral roll and Trendelenburg motions

## **Free-float X-Y tabletop**

**Includes hand and foot-operated controllers**

**500-lb patient capacity**

**Low profile base for C-Arm clearance**

**Accessory rails**

**Both AC and battery power are standard**

**Choice of Tabletop Design**

### **INNOVATIVE CONTOUR DESIGN TOP**

**This design fully accommodates C-Arm positioning for closest possible access to the cervical spine, achieving optimum image resolution. A second benefit is the added workspace at the head end, while maintaining the narrowness required for cervical procedures. Features a cutout for comfortable, prone positioning.**

### **RECTANGULAR TABLETOP**

**The rectangular tabletop offers additional space to allow for superior image quality for long-leg runoff studies.**

**Dimensions: 104" l x 26" w (260 x 66 cm) with OR accessory rails**

**Tabletop: 101" l x 24" w (252 x 61 cm) – choice of classic contoured or rectangular design**

**Catheter Tray Extension (removable): 18" l x 24" w (45.7 x 61 cm) non-radiolucent**

**Radiolucent Area:**

**- 51" l x 24" w (128 x 61 cm) unobstructed head to accessory rail**

**- 20" l x 17.5" w (50.8 x 44 cm) additional, between accessory rails**

**Radiolucent Area, Total Length: 71" l (178 cm)**

**Tabletop Material: Carbon fiber with integral head section**

**Mattress: 2" thick (5 cm) Attenuation:**

**- Tabletop: .7 mm Aluminum equivalence**

**- Mattress: .5 mm Aluminum equivalence**

**Motions:**

**- Height Adjustable: 33.5" to 43.5" (84 to 109 cm)**

**- Tabletop X Motion (head-to-toe float): 20" (51 cm)**

**- Tabletop Y Motion (side-to-side float): 10" (25.4 cm)**

**- Trendelenburg: 0° to 20°**

**- Reverse Trendelenburg: 0° to 20°**

**- Lateral Roll: 0° to 20°**

**Controls:**

**- Hand Control: height, lateral roll and Trendelenburg motions**

**- Foot Control: activates all motions (has release for float)**

**- Push Button: releases X-Y Tabletop motions**

**Wheels:**

**- Head End – 3" (7.62 cm) swivel casters, integral locking system on base**

**- Foot End – 5" (12.7 cm) swivel casters with central locking**

**Accessory Rails: Standard OR accessory rails 49.5" x 1.12" x .375" (124 x 2.86 x .95 cm) mounted near foot end of table**

**Patient Restraints: Three body straps**

**Finish: Powder coat**

**Shipping Weight: 930 lb (421.8 kg)**

**Patient Capacity: 500 lb (227 kg); weight tested to four times the patient load rating.**

**Lift Capacity: May vary between 460 lb - 500 lb (209 - 227 kg) based on line voltage**

**Power: 115 VAC or 230 VAC and Battery. Battery automatically charges when table is plugged in. An additional battery can be charged with optional wall-mounted charger.**

**Standard Accessory:**

**– Catheter Tray Extension (removable)**

**Warranty: Two years**

**Certifications: ETL and cETL Listed to UL 60601-1®, CAN/CSA© C22.2 No.: 601-1-M90, EN 60601-1 and IEC 60601-1-2:2001-09**

**058-840 Table, Surgical C-Arm - 840, 115 VAC**

**058-840-10 Table, Surgical C-Arm - 840, 115 VAC, Rectangular Head End**

**Optional:**

**056-862 Battery and Charging Unit, 115 VAC**

**056-850 IV Pole, Rail Mounted**

**056-865 Arm Board, Carbon Fiber, one arm**

**056-866 Arm Board, Carbon Fiber, two arms**

**058-864 Arm Board, Surgical, Carbon Fiber**

**058-849 Clamp, Accessory, C-Arm Table**

**058-856 Radiation Shield, Head/Cervical**

**058-857 Radiation Shield, Thoracic/AB**

**056-802 Bellows Skirt, disposable plastic, 250/roll**