

SURGICAL C-ARM TABLE - 846

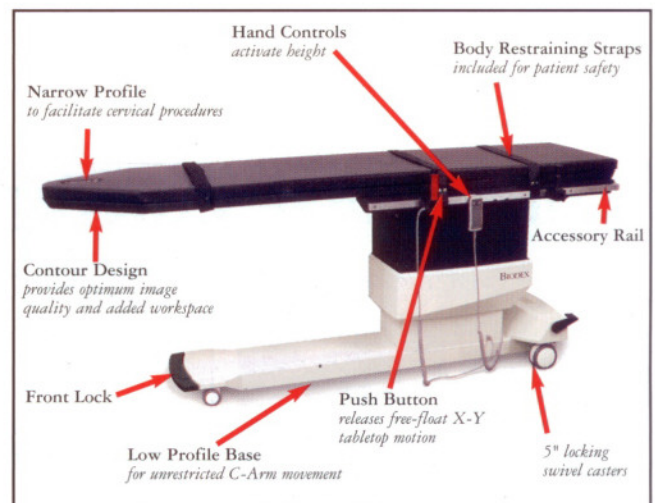
Affordably priced float-top table



The 846 is an economically priced table that features a free-float tabletop for quick image panning of the patient without repositioning the C-Arm.

- *Low attenuation carbon fiber tabletop with innovative contour design*
- *500-lb patient capacity*
- *Face cutout for comfortable prone positioning*
- *Low profile base for C-Arm clearance*
- *Free-float X-Y tabletop*
- *Vertical movement*
- *Accessory rails*

Innovative Contour Design Top: Biodex C-Arm tables feature a uniquely contoured tabletop. This design fully accommodates C-Arm positioning for closest possible access to the cervical spine, achieving optimum image resolution. A second benefit to the contour design is the added workspace at the head end, while maintaining the narrowness required for cervical procedures.



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.

Which table is right for you? See pages 18-19 for comparison chart.

The Surgical C-Arm Table – 846 features a free-float tabletop design that allows for quick and comfortable patient positioning at an affordable price.

Excellent for image-guided procedures

Its large radiolucent area, motorized actuation of height and free-float tabletop make it ideal for both pain care and cardiovascular applications. The tabletop's innovative contour design combines the advantages of square and contoured tabletops, offering additional space at the head-end of the table, while enabling the user to position the C-Arm close to the cervical spine for greater image resolution.

Automatic positioning with free-float

A portable hand-held controller can be positioned for convenient access from any point around the table. The portable hand-held controller offers the freedom to adjust height from locations away from the table. The controller hangs on an accessory rail when not in use. A push-button release for the free-float feature is located at the end of a handgrip that can be placed at any point on the OR accessory rail.

Accommodates portable or ceiling-suspended C-Arms

Designed for procedures where stability, access and precise, quiet, vibration-free positioning are essential. A cantilevered low attenuation carbon fiber tabletop accommodates portable or ceiling-suspended C-Arms. 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. Two-inch thick table padding and three adjustable straps with Velcro® hook and loop fastening assure patient comfort and stability. A face cutout is provided for prone positioning.

SPECIFICATIONS

- Dimensions: 104" l x 26" w (260 x 66 cm) with OR accessory rails
- Tabletop: 101" l x 24" w (252 x 61 cm)
- 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 from 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)
- Controls:
 - Hand Control: height
 - 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
- 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
- Warranty: one year
- Certifications: ETL and cETL listed to UL-60601-1*, CAN/CSA® C22.2 No.: 601-1-M90 and EN 60601-1



- 058-846** Table, Surgical C-Arm - 846, 115 VAC
- 058-847** Table, Surgical C-Arm - 846, 230 VAC

Optional:

- 058-848** Catheter Tray Extension (removable) ..
- 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.....
See Arm Boards featured on page 17.
- 058-849** Clamp, Accessory, C-Arm Table
- 058-856** Radiation Shield, Head/Cervical
- 058-857** Radiation Shield, Thoracic/AB

SETTING STANDARDS TO AVOID R/F RADIATION OVERDOSES

Physicians who do not work with radiation often are warned of the dangers of skin burns by the FDA Center for Devices and Radiologic Health (CDRH) from overexposure when fluoroscopy is used for prolonged periods of time, such as in guiding catheters for interventional cardiology or gastrointestinal procedures.

More importantly, CDRH is offering suggestions to avoid mishaps - such as staying in tune to radiation outputs, knowing the radiation levels of the fluoroscopy system, knowing how long is too long to use fluoro on a patient and setting procedure protocols.

Principles for Fluoroscopically Guided Procedures

- Establish standard operating procedures and clinical protocols to address patient selection; conduct of the procedure; actions in response to complications; and consideration of limits on exposure time.
- Know the radiation dose rates for the specific fluoroscopic system and for each mode of operation used during the protocol.
- Assess the impact of each procedure's protocol on the potential for radiation injury.
- Limit the cumulative absorbed dose of any irradiated area of the skin to the minimum necessary for the clinical tasks. Avoid approaching cumulative doses that would induce unacceptable adverse effects.
- Enlist a qualified medical physicist to assist in implementing these principles.