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## Fluoroscopy Table

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# Fluoroscopy Table



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## Instruction Manual CFPM100



## WARRANTY

Table	Frame/ Understructure	Upholstery/ Padding	Electrical Components	Replacement Shipping	Return Shipping
<b>CFPM100</b> FLDBXXXXXX	4 yrs.	4 yrs.	2 yrs.	Included <i>International not included</i>	Not Included

All warranties are limited to factory-provided replacement parts, factory repair or replacement, at the discretion of OAKWORKS®. OAKWORKS® only covers parts and labor on field repair of stationary products.

All warranties exclude damage caused by improper set-up, accident, abuse, misuse, neglect, use for other than intended purpose or reasonable wear such as tears in the upholstery.

All warranties are invalidated by non-factory modifications and unauthorized repairs, which will immediately terminate all liability by OAKWORKS® for the product or damages caused by its use.

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**LIST OF PARTS**

Part No.	Description
0781	Locking Caster (4)
9723-110	Lift Tower (110 v.)
9723-220	Lift Tower (220 v.)
9724	Foot Control with Cord & Plug
4796-06	Integrated Face Rest Pad / 2”H x 12”SQ (1)
4795-06	Integrated Face Rest Pad / 4”H x 12”SQ (1)
2410-06	Crescent Face Pad
9713-06	Tabletop Pad
<b>Optional Accessories:</b>	
3395-01	Carbon Fiber Arm Board (1)
SPCFXXX	Spinal Imaging Platform (1)
4796-06	2”/5cm x 12”/31cm Square Support Pad (1)
3PXXXXXXXXTT	OAKWORKS® Prone Pillow
2005	Fluoro-Extender

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SPECIFICATIONS





Designed For:	North America	Europe	Japan
Input Service	120 VAC/20 amps/50Hz	220 VAC/10 amps/50Hz	100 VAC/20 amps/50-60Hz
Current Draw	5.8 amps	3.0 amps	6.8 amps
Maximum Momentary Current Consumption	9.0 amps	4.5 amps	9.0 amps
Voltage to Actuators	TBD VDC	TBD VDC	TBD VDC
Electric Shock Protection	Class I Equipment	Class I Equipment	Class I Equipment
Tabletop Applied Part	 Type B Applied Part	 Type B Applied Part	 Type B Applied Part
Table Top IEC 529 Rating	IPX0	IPX0	IPX0
Mode of Operation	Continuous Operation @ 10% Duty Cycle	Continuous Operation @ 10% Duty Cycle	Continuous Operation @ 10% Duty Cycle

Table Top:	Carbon Fiber:	Carbon Fiber:	Carbon Fiber:
Length	84"	214 cm	214 cm
Width	22"	56 cm	56 cm
Height Ranges	26" - 43" (Standard)	66 cm - 109 cm	66 cm - 109 cm
Weight	350 lbs.	159 kg.	159 kg.
Shipping Weight	400 lbs.	182 kg.	182 kg.
Tabletop Capacity	500 lbs.	227 kg.	227 kg.

Storage & Transport	 Temperature: -10° C - 60° C      Humidity: 60% relative humidity      Pressure: no limitations known During transport, DO NOT stack containers. 
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Materials of Construction	This product contains no latex.
Tabletop	Carbon Fiber: 1.64" x 22" x 84" (41.7 mm x 559 mm x 2134 mm)
Patient Comfort	(1") 25 mm upholstered foam pad

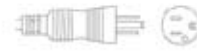




This product complies with United States Department of Health and Human Services radiation performance standards, 21 CFR Subchapter J, in effect at the time of manufacture for radiographic tables. (Pending 11.07)

Aluminum Filtration Equivalent of Tabletop (AL mm) (@HVL 2.7 mm)	< 1.00 mm AL
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ETL Listed	Complies with UL 2601-1 version 2; CSA C22.2 No. 601.1-M90, IEC 601.1-1-2 (2201-9) (Pending 11.07)
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**PRODUCT IDENTIFICATION**

	Model No.:	Description
North America .....	<b>FLDBXXXXXXCF</b>	<b>Fluoroscopy Table;</b> Carbon Fiber Top; 3 prong grounded hospital grade power cord plug / North America
Europe .....	<b>FLDBEUXXXXXXCF</b>	<b>Fluoroscopy Table;</b> Carbon Fiber Top; Continental Plug / Europe
Switzerland .....	<b>FLDBSWXXXXXXCF</b>	<b>Fluoroscopy Table;</b> Carbon Fiber Top; Swiss plug; Switzerland
United Kingdom .....	<b>FLDBUKXXXXXXCF</b>	<b>Fluoroscopy Table;</b> Carbon Fiber Top; British plug; United Kingdom
Japan .....	<b>FLDBJPXXXXXXCF</b>	<b>Fluoroscopy Table;</b> Carbon Fiber Top; 2 prong polarized plug; Japan & Korea

Power Cord Variables	Plug View:	Voltage (AC)	Power Cord Plug
		120v 60 Hz	3 prong grounded hospital grade; North America
		220v 50 Hz	Continental Plug; Europe
		220v 50 Hz	Swiss plug; Switzerland
		220v 50 Hz	British plug; United Kingdom
		100v 50/60 Hz	2 prong polarized plug; Japan & Korea

**SYMBOL IDENTIFICATION**

The OAKWORKS® Fluoroscopy Table is a radiographic table intended for use with mobile or compact stationary C-arm Fluoroscopy Systems. It is ideally suited for pain management imaging and therapeutic procedures.



This symbol, when used in this manual and on product labels, represents a caution warning. Be sure to read and comply with all precautions and warnings.



This symbol, when used in this manual and on product labels, warns against an electrical shock hazard. Be sure to observe and comply with all warnings.



This symbol, when used in this manual and on product labels, indicates the potential of exposure to harmful x-rays. Be sure to read and comply with all warnings.



This symbol, when used in this manual and on product labels, indicates that the table and components are a Type B Applied Part pursuant to IEC 601.1 and EN 60601-1: 1990.



This symbol, when used in this manual or on product labels, indicates a Protective Earth (Ground) Terminal.



This symbol when used in this manual or on product labels, warns that during transport there should be no stacking of containers.



This symbol, when used in this manual or on product labels, indicates that the product should be protected from moisture. The humidity specifications for Transport & Storage are listed on page 18.



This symbol, when used in this manual or on product labels, indicates that information is given regarding the recommended temperature limits during transport and storing.



This symbol, when used in this manual or on product labels, indicates the date of manufacture of the device.



This symbol, when used in this manual or on product labels, indicates alternating current (AC).



This symbol, when used in this manual or on product labels, indicates direct current (DC).

## WARNINGS/PRECAUTIONS

### INDICATIONS

The OAKWORKS Fluoroscopy Table is indicated for use with mobile or compact C-arm Fluoroscopy Imaging Systems where the x-ray generator is located below the tabletop. It is suitable to use for diagnostic x-ray imaging and imaging during therapeutic procedures such as spinal injections, vertebroplasty procedures and other pain management procedures.

### CONTRAINDICATIONS

The OAKWORKS Fluoroscopy Table should not be used with Fluoroscopy systems having intensifier screens or film cassettes larger than 12 inches (30 cm) when an oblique angle of view is being used.

The table is not designed for and should not be used with Magnetic Resonance Imaging procedures.

Although the table accommodates a number of procedures, it is not intended to serve as a surgical procedure table.

### WARNINGS



Improper use of this device can cause injury. Be sure to read all operating instructions prior to use.



Weight limit (patient and accessories):  
Carbon Fiber Top: 227 kg / 500 lbs. distributed evenly  
Do not sit beyond painted line on carbon fiber top



The table utilizes four locking casters to permit movement of the table within the imaging suite. Accidental movement of the table may occur. Lock at least two casters prior to accomplishing imaging of the patient.



Be certain that the table is completely lowered prior to discharging an ambulatory patient. The patient may lose balance and fall.



Electrical Shock Hazard. The power supply/control module is located inside lifting column. No user serviceable parts are inside. Refer servicing to qualified personnel. Unplug wall connector prior to contact with any cables connected to the power supply.

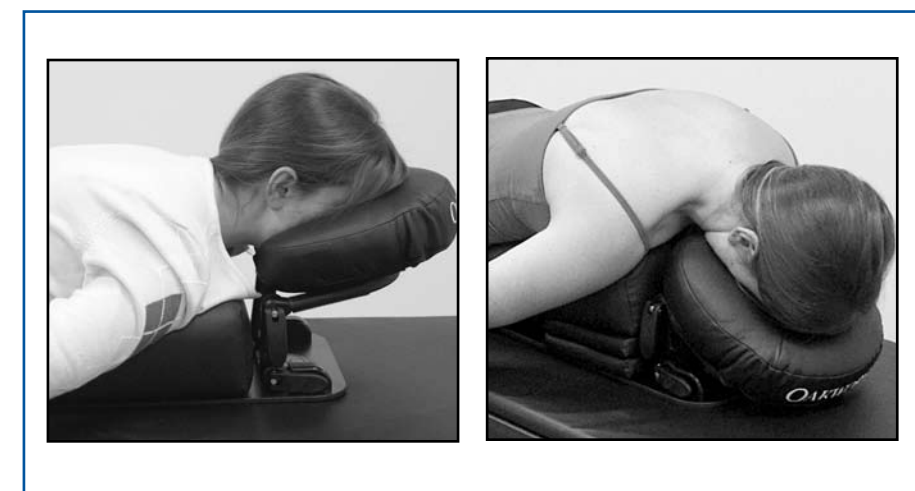
## OPTIONAL ACCESSORIES

### SPINAL IMAGING PLATFORM

Spinal Imaging Platform



The OAKWORKS® Spinal Imaging Platform can support patients in a prone or supine position during pre-operative sedation or post-operative recovery. It is also very useful for anesthesia applications. This product is portable and can be used on any treatment, examination or surgical table.



**OPTIONAL ACCESSORIES**

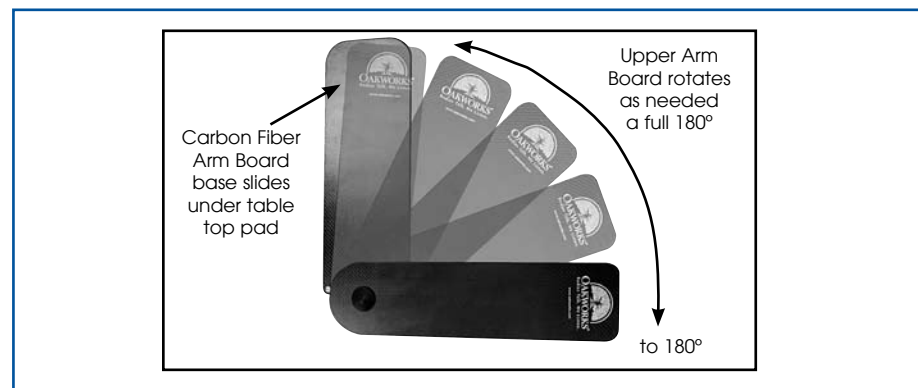
**CARBON FIBER ARM BOARD**

Carbon Fiber Arm Board



**CAUTION**

When making adjustments in positioning be sure to observe all cautions and warnings given in the manual to prevent injury to both operator and patient.

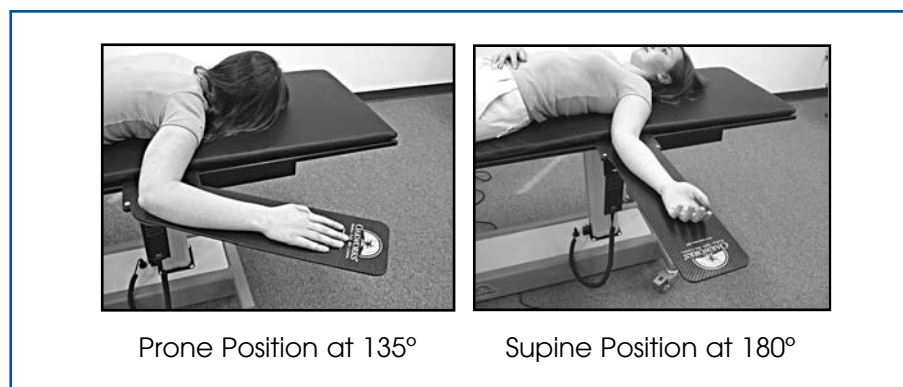


The OAKWORKS® Carbon Fiber Single Arm Board conveniently slides under the table top pad and easily supports the patient's arm in a positionary range of 180°. The unit can easily fold for compact storage when not in use.

To use the Carbon Fiber Single Arm Board:

Unfold the Arm Board just enough to enable it to slide under the table top pad on the Fluoroscopy Table at a 90° angle to the side of the table. Ask the patient to lay down on the table and position them to suit the needs of the procedure. The weight of the patient will hold the Arm Board base in place under the table top pad. Move the upper Arm Board to the angle you need. It will stay at that position until you change it.

When finished, Ask the patient to raise up enough for you to move the Arm Board base from under the table top pad. Fold it up and store it away until the next time you need to use it.



**CAUTION**

Children must be supervised when around this equipment by a responsible adult.

**WARNINGS: (cont.)**



The potential of exposure to harmful x-rays exists when this table is in use. The use of adequate x-ray barrier devices is necessary to provide protection to both the operator and the patient. X-ray barrier devices are recommended for the patient outside of the intended target area to prevent exposure to scattered radiation from the x-ray generating source.

The tabletop has an aluminum filtration equivalence of <1.00 mm as measured at 100 kVp and a half-value layer (HVL) of 2.7 mm.

- The OAKWORKS Fluoroscopy Table may be used for x-ray imaging where the x-ray generator is located above the tabletop and the image receptor is located below the tabletop. However, this application results in greater patient exposure to x-ray. The operator must weigh this issue with the imaging requirements and patient exposure issues.
- The Fluoroscopy Table may be used with the x-ray generator above the tabletop and a film cassette also located on the tabletop.
- The x-ray generator should never be located above the tabletop when the OAKWORKS Fluoroscopy Table and the OAKWORKS Spinal Imaging Platform are used together. This type of use requires that the x-ray generator is located below the tabletop and the imaging intensifier or film cassette located above the tabletop.

Disconnect the power supply plug prior to cleaning any surfaces below or inside of the base of the table.

PRODUCT DESCRIPTION



Includes 3-pad Set:  
 1) 2”H x 12”SQ Pad  
 2) 4”H x 12”SQ Pad  
 3) Crescent Face Pad

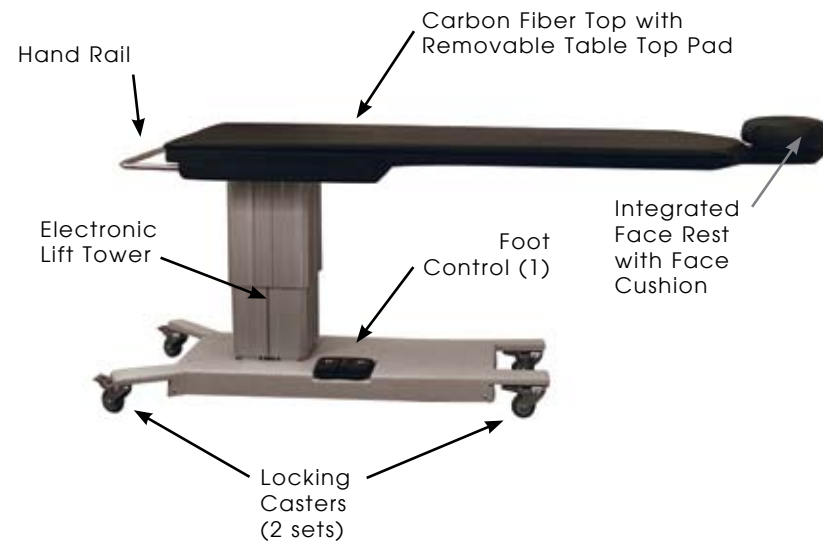


Table Specs\* :

- Electronic Height Range: 26” - 43”
- Widths: 22”
- Length: 84”
- Weight Capacity: 500 lbs. distributed evenly
- Weight: 350 lbs. (shipping 400 lbs.)
- Controls: 1 foot control
- Included Accessories: Table Top Pad with TerraTouch™ Upholstery & 1” Medical Grade Foam; 1- 2”H x 12” SQ Head Rest Pad; 1 - 4”H x 12” SQ Head Rest Pad; 1 - Crescent Face Pad
- Options: Battery Backup, Carbon Fiber Arm Board, Fluoro Extender

For electrical specs see Specifications Chart, pg 17

PRODUCT CARE & MAINTENANCE

CLEANING

TABLE

Use only a mild detergent solution or 10% sodium hypochlorite solution on surfaces. Be sure excess liquid does not drip onto any other surfaces or mechanisms. Disinfectants other than recommended above will harm the table’s surface, particularly the polycarbonate tabletop. Wipe off excess with a lint-free cloth. Remove residual with a damp (not wet) cloth.

TABLE PAD

Clean with a mild detergent solution. Use of glutaraldehydes for disinfecting is not recommended. 10% sodium hypochlorite solution, phenol-based surface disinfectants and quaternary ammonium compounds may be used. Wipe off excess liquid and remove any residual solution with a damp (not wet) lint-free cloth. Be sure underside of table pad is completely dry prior to placing back onto tabletop.

The operator should ascertain the disinfecting properties of the agent being used prior to cleaning.

IMPORTANT

IMPORTANT



CAUTION

Before cleaning with any liquid cleaner be sure to unplug the power cord from the power outlet.

Be sure to read all cautions, warnings and instructions given in the manual to prevent injury to both operator and client.



## TROUBLESHOOTING

### IF THE TABLE TOP WILL NOT CHANGE HEIGHT:



- Check the outlet to be sure that it has power and that the power cable is plugged in.

The Carbon Fiber table weighs 350 lb. (159 kg) Turning the table on its side is not required and not recommended.

## DIRECTIONS FOR USE

The OAKWORKS® Fluoroscopy Table offers a variety of positioning capabilities for diagnostic x-ray imaging and imaging during therapeutic procedures. Although it was designed principally for use during pain management x-ray diagnostic and therapeutic procedures, it may also be used for other diagnostic procedures involving x-ray imaging provided the instructions in this manual are observed.



Should the use of this device create a circumstance under which the patient could be over-exposed to the x-ray being used, discontinue use immediately and determine an alternative radiology table or alternative x-ray generating source to use.

### ADJUSTING HEIGHT OF THE TABLE:

All OAKWORKS® Fluoroscopy Tables come complete with one foot control module located in the table base.

Operate the controls as shown below to raise or lower the height of the table.

Foot Control:  
(used only to change height of table)

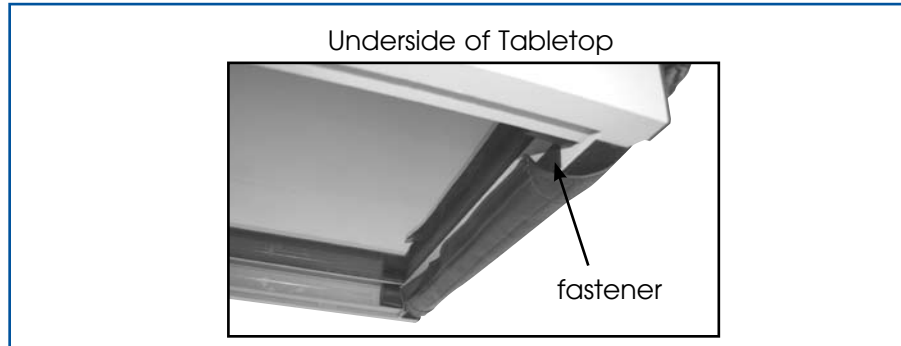


When operating the table's controls, be sure to observe all cautions and warnings.

DIRECTIONS FOR USE

DIRECTIONS FOR USE

ADJUSTING THE TABLE TOP PAD

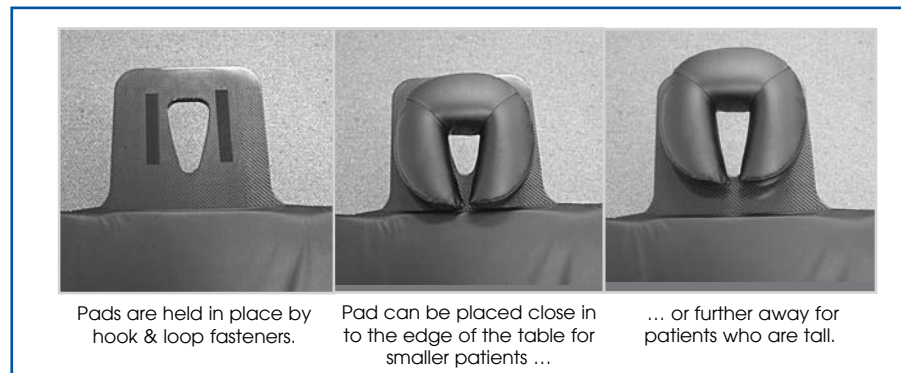


Remove Table Pad by pulling flaps at the underside of the table on either end until the hook and loop fastener becomes unanchored.

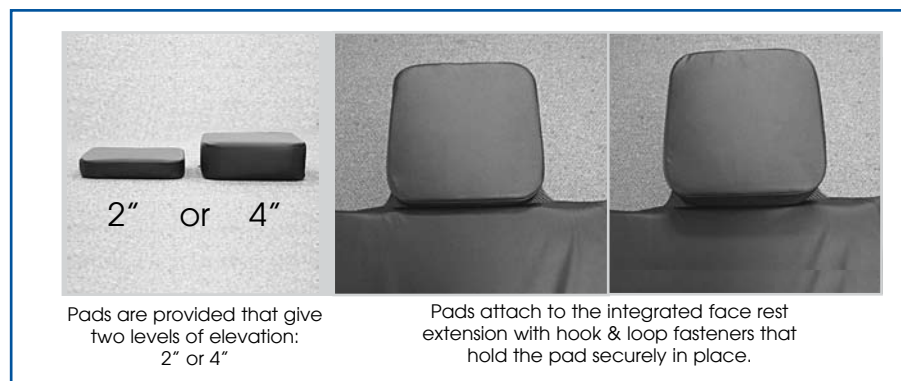
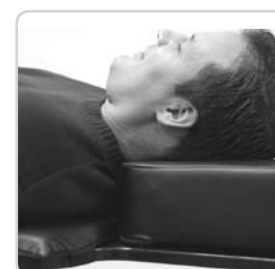
Replace pad by first centering on the table and then pressing flaps in place, anchoring with the hook and loop fasteners.

ADJUSTING THE CRANIAL POSITIONING PADS

Prone Positioning: Use the Crescent Face Pad and adjust accordingly



Supine Positioning: Use either the 2" or 4" square pad for proper placement.



TROUBLESHOOTING

GROUND POINT TESTING

1. Pop the base top off.
2. Connect the tester to one of the silver or gold bolts found under the top.
3. Replace the top when finished.

**TROUBLESHOOTING**

**FOOT CONTROL REPLACEMENT INSTRUCTIONS**

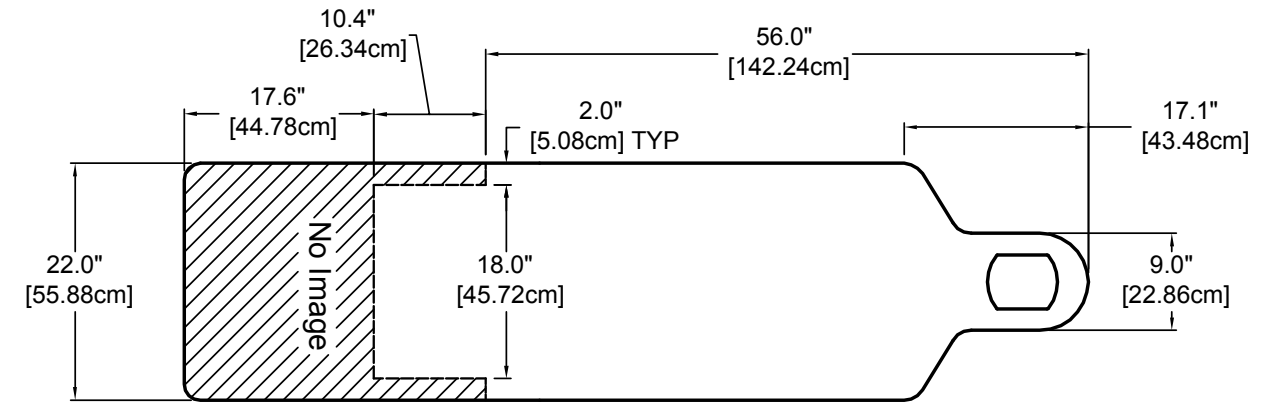
Replacement of the Foot Control will be necessary if the Foot Control does not actuate the function of elevation and the Hand Control is operational.

To Replace the Foot Control, follow these steps:

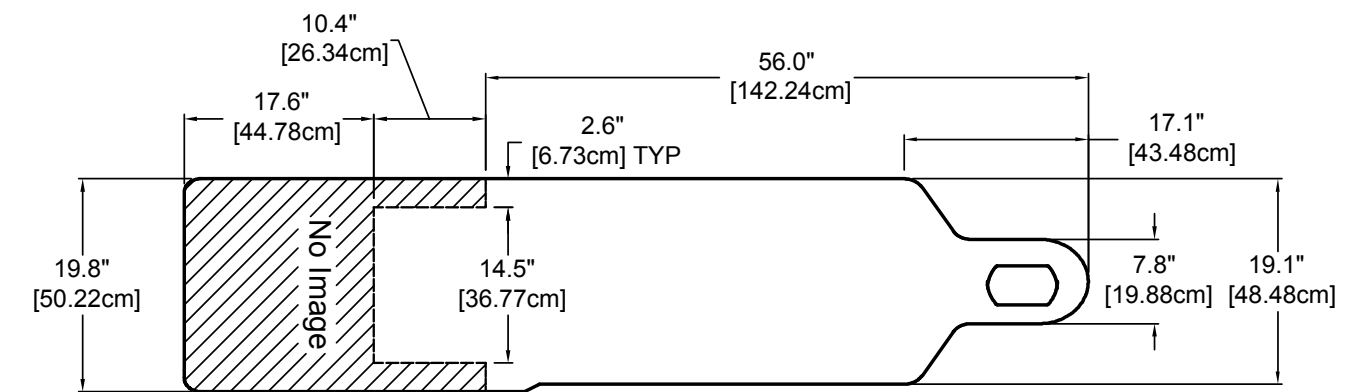
1. Before proceeding, disconnect the power cord from the power outlet.
2. Remove base cover by opening 16 black screw covers and removing the screws. Remove base cover.
3. Disconnect strain relief on the foot control cable.
4. Disconnect foot control plug at the base of the lift column.
5. Obtain the new foot control and insert the cable plug into the shielded cable plug until firmly seated. Reconnect strain relief.
6. Replace base cover with the screws and secure cover.
7. Plug the power cord back into the power outlet.
8. Attempt to operate the table elevation functions from the Foot Control.
9. If the table elevation functions fail to operate, contact the Customer Service Department.

84" Carbon Fiber Top w/  
Integrated Face Rest

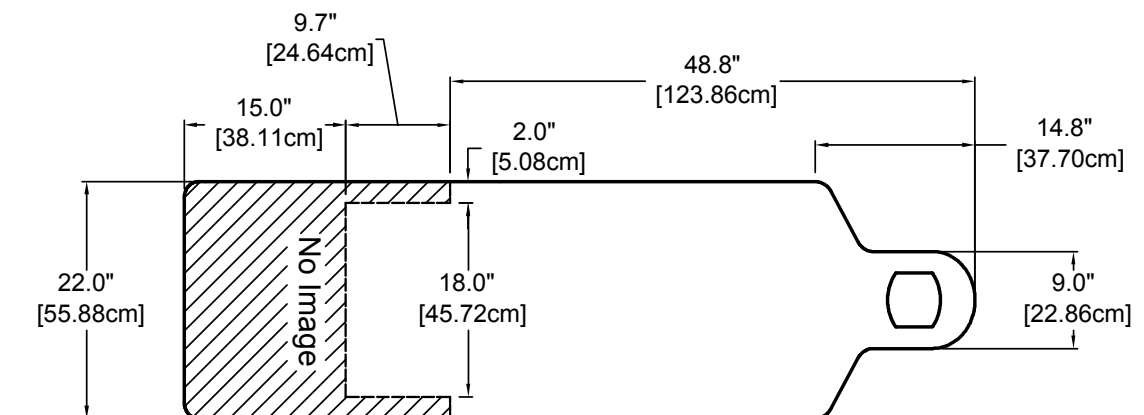
**CENTERED FOP A-P VIEW:**



**OBLIQUE 30° VIEW FROM VERTICAL:**



**CAUDAL 30° VIEW FROM VERTICAL:**



**DIRECTIONS FOR USE**

**MOVING FLUOROSCOPY TABLE**

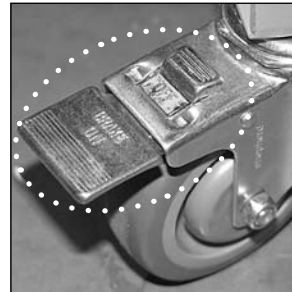
Be sure to lower table completely before attempting to move it.



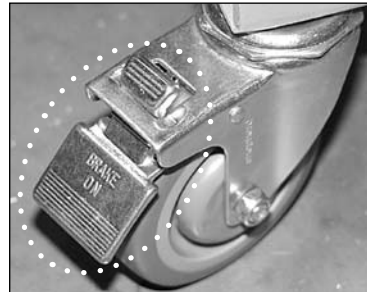
Unlocked Caster - Table may be moved



Push down until locking lever clicks into place.



Unlocked caster.



Locked Caster - Table locked down.

**DIRECTIONS FOR USE**

**WEIGHT CAPACITY LIMITATIONS**



The OAKWORKS® CFPM100 Table top is rated at a rugged 500 lb. load “evenly distributed”. To minimize any risk to the patient, do not allow the patient to sit on the face rest area beyond the warning line on the table top.

DO NOT sit beyond this point.

