















# **MOBILE RADIOGRAPHIC TABLE**

## **INSTALLATION INSTRUCTIONS MODEL C256**

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REV. H**

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<b>Symbol Legends</b>	
<b>Symbol</b>	<b>Definition</b>
	Date of manufacture
	Manufacturer
	Serial Number
	Reference Number (Model/Part Number)
	Keep Dry
	NOTE This symbol represents Information that assists the user of the manual in the performance of a task. It may provide the user with better methods of conducting the task, or it may point out conditions that could cause the system to fail to operate properly.
 CAUTION	Points out special procedures, or precautions, that personnel must follow to avoid equipment damage.
 WARNING	Identifies situations or actions that may affect patient or user safety. Disregarding a warning could result in patient or user injury.
	TYPE B APPLIED PART This symbol indicates equipment providing a particular degree of protection against electric shock, particularly regarding allowable leakage currents and reliability of the protective earth connection (if present).
	This symbol indicates an Electro Sensitive Device is present which must be carefully handled to prevent damage to the device.
	ELECTRIC SHOCK HAZARD WARNING This symbol indicates an electric shock hazard.
	DANGER VOLTAGE This symbol indicates hazards arising from dangerous voltages.
	DIRECT CURRENT This symbol indicates a direct current source.
	PROTECTIVE EARTH TERMINATIONS This symbol indicates protective earth terminations in device.

**WARNING**

**X-ray equipment may be dangerous to both patient and operator unless proper safety measures are observed.**

Before operation, persons qualified and authorized to operate this equipment should be familiar with all appropriate safety procedures regarding radiation safety.

Only qualified personnel should install, maintain and operate this equipment.

Only qualified service personnel should remove electrical covers.

The equipment described in this manual will perform reliably when installed, maintained and operated in accordance with the instructions of this manual by qualified personnel. This equipment is sold with the understanding that the user assumes sole responsibility for radiation safety and that the manufacturer does not accept any responsibility for the following:

- ! Equipment improperly installed.
- ! Equipment improperly operated.
- ! Equipment improperly maintained or repaired.
- ! Equipment, which has been modified without written factory authorization.
- ! Injury or damage resulting from any of the above causes.

**Intended Use**

This is an x-ray table, a mechanical device intended to support a patient during a radiographic procedure.

**Attenuation**

All included components between the patient and image receptor have been certified to comply with 21 CFR Chapter 1 Subchapter J (§1020.30).

**Cleaning**

The manufacturer recommends disinfection of the equipment between uses for any surfaces that may come in contact with the patient during a radiographic procedure.

## ASSEMBLY INSTRUCTIONS

1. Tabletop and legs are disassembled for shipment.
2. Assembly of the unit requires only attaching the four legs to the tabletop (see fig. 1).

**Note: Make sure all leg mounting bolts are mounted tightly. See figure 1 for assembly of optional version with roller casters.**

3. Note that top of the table is NOT removable. In order to remove the grid cabinet, follow this instruction:
  - A) Slide G.C. to the left side of the table until it hits the travel stop screw.
  - B) Position yourself at the left back side of the table (see figure 2).
  - C) Remove travel stop screw.
  - D) Put both hands underneath the center part of G.C. (see figure 2).
  - E) Slide G.C. cautiously to your right until the roller drops down from the rail (see figure 3).
  - F) Take the G.C. out.
4. Once the table is found to be fully operational, verify alignment between the center-line of the tabletop and the center of the cassette tray:
  - A) Place a radiographic opaque material as a marker onto the center-line of the table top and tape it in place.
  - B) Insert the cassette tray with cassette and film into the grid cabinet.
  - C) Center the X-ray beam over the marker and tray and take an exposure.
  - D) The marker should show up at the center of the developed film.

**CERTIFICATION OF COMPATIBILITY**

This radiographic table is certified to be compatible with all certified tube housing assemblies, x-ray controls, x-ray high voltage generators, cassette holders, and beam limiting devices, and will not affect the compliance of these components, when these components are installed, connected and adjusted in accordance with the applicable manufacturer's instructions and specifications.

**Note: It is the assembler's responsibility to verify compatibility of all components assembled as parts of the x-ray system. Refer to compatibility statement published by the component manufacturer for specific information.**

Proper use of this "Mobile Radiographic Table" requires that the x-ray system must include:

- 1) Means to limit the x-ray field in the plane of the image receptor so that such field does not exceed each dimension of the image receptor by more than 2 percent of the SID, when the axis of the x-ray beam is perpendicular to the plane of the image receptor.
- 2) In addition, means shall be provided to align the center of the x-ray field with the center of the image receptor to within 2 percent of the SID.

If the X-ray system does not satisfy the two provisions above, the Mobile Radiographic Table should not be used with the system.

**OPERATING INSTRUCTIONS (Radiographic Mode)**

- 1) Roll the table up to the x-ray tubestand until it is approximately centered under the x-ray tube.
- 2) With the collimator light field "on" align the centerline of the tabletop with the center of the light field. Check alignment at both ends of the table before proceeding.
- 3) In order to increase patient safety while they get on, and preserve the table alignment to the collimator light field, hold the table stationary while the patient applies their weight to it. Recheck table alignment to collimator light field at both ends of table.
- 4) Continue normal radiographic procedures.

TABLE TOP AND LEG ASSEMBLY

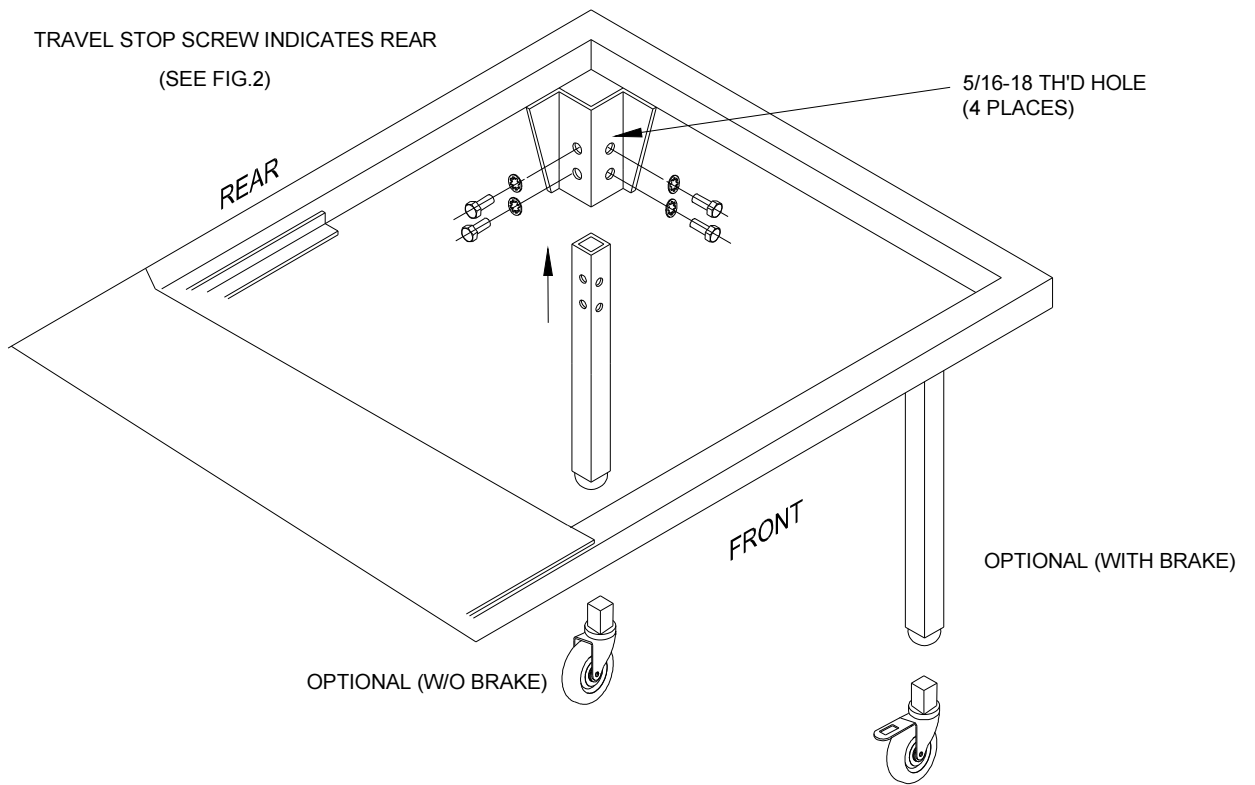


FIGURE 1

ALL FOUR LEG ASSEMBLIES WITH BALL CASTERS ARE THE SAME.

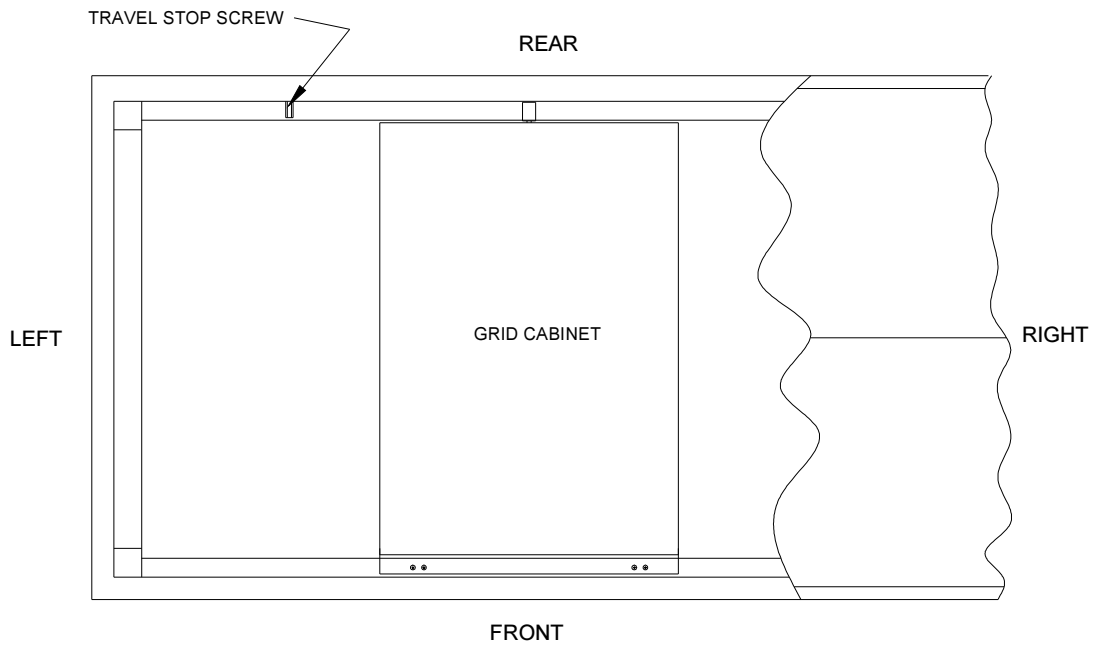


FIG. 2

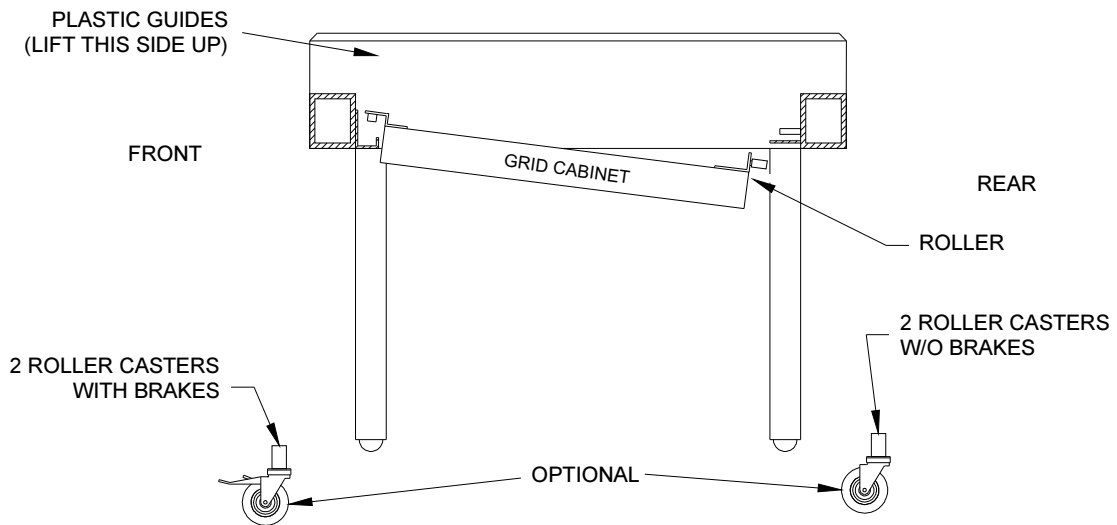


FIG. 3