

## Operator Preventive Maintenance Checks and Services

6525-01-325-3740

Portable X-Ray System, Model 1200

[B-Before Operation, D-During Operation, A-After Operation, Q-Quarterly, and S-Semiannually]

ITEM NO	INTERVAL	ITEM TO BE INSPECTED AND PROCEDURE	IS NOT MISSION CAPABLE IF:
1	B	<p><b>X-Ray System</b></p> <p>a. Conduct an inventory to ensure that the items listed on the Equipment Parts and Accessories List are on hand.</p> <p>b. Inspect unit for damage, discoloration, or excessively worn components.</p> <p>c. Verify that the Medical Equipment Verification/Certification sticker (DD Form 2163) has a current date.</p>	<p>Missing components prevent the use of the x-ray apparatus.</p> <p>Unserviceable components prevent the use of the x-ray apparatus.</p> <p>The unit has not been verified within the last 12 months.</p>
2	B	<p><b>X-Ray Operational Test</b></p> <p>a. Perform the "Assembly/Setup Procedure" as directed by the manufacturer's literature.</p> <p>(1) Remove reusable storage container from the wooden shipping crate, release leg clips.</p> <p>(2) Open the reusable container.</p> <p>(3) Remove the stand frame assembly, position on floor, engage rear wheel brakes, fold out legs and insert locking pins to frame/leg holes to lock legs.</p> <p>(4) Remove the pipe assembly, lower section, and position locking handles down (to the horizontal unlocked position).</p> <p>(5) Position the pipe assembly, lower section, with the gear rack toward the rear of the stand. Align the four "T" head bolts on the bottom of the pipe assembly, lower section with the four key-slots on the stand frame assembly. Lower into place, being sure the "T" bolts fit into the key-slots.</p> <p>(6) Slide the pipe assembly, lower section, forward (approximately 1 inch) and lift, the two locking handles up (to the vertical locking position). Ensure that both locking clips fit into locking clip slots.</p> <p>(7) Remove pipe assembly, upper section, from the reusable container.</p> <p>(8) Position pipe assembly, upper section, locking handle to the up (unlocked) position.</p> <p>(9) Position the pipe assembly, upper section, on top of the pipe assembly, lower section, with the rack gear facing the rear of the stand.</p>	<p>The unit cannot be set up.</p>

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		<p>(10) Pull locking handle down (from the unlocked position) to the perpendicular position and rotate 90 degrees to the lock position, secure locking handle with spring clip.</p> <p>(11) Crank gearbox assembly up to a comfortable working height.</p> <p>(12) Remove cross arm assembly from side of stand frame assembly.</p> <p>(13) Press cross arm horizontal travel release brake and slide cross arm into gearbox assembly.</p> <p>(14) Lift x-ray generator assembly out of reusable container, remove safety pin, position x-ray generator yoke assembly into end of cross arm assembly, secure safety pin.</p> <p>(15) Lift control assembly out of reusable container. Position the control arm assembly on the stand bracket pull out on the end clips, and snap in to place.</p> <p>(16) Attach line cord to control assembly "LINE IN" connector, attach exposure switch cable to control assembly, "HAND SWITCH" connector and connect one end of the interconnect cable to the control assembly "LINE OUT" connector and the remaining end to the x-ray generator assembly connector.</p> <p>b. Verify the "Assembly Check Out" procedure as directed by the manufacturer's literature.</p> <p>(1) Verify that the stand foldout leg locks pins are installed.</p> <p>(2) Verify that the pipe assembly lower section locking handles are in the up position and that the handle locking clips are engaged.</p> <p>(3) Verify that pipe assembly upper section locking handle is in the locked position and the spring clip is engaged.</p> <p>(4) Verify that the x-ray generator safety pin is installed and locked.</p> <p>(5) Verify that the line cord, the exposure switch and the interconnect cable are properly installed.</p>	<p>The assembly cannot be accomplished.</p>

