



The GE AMX 4 is a portable X-ray machine that operates off a rechargeable battery. The AMX 4 X-ray is the predecessor to the GE AMX 4 Plus X-ray machine. The system is ideal for a variety of routine radiographic procedures, from intensive care, cardiac care, emergency rooms, operating rooms, orthopedics, clinics, pediatrics, and neonatal care.

Features

- MX-75 275k HU X-ray tube with a .75mm focal spot
- GE AMX-IV collimator
- High-quality image
- Forward and reverse variable speed
- Completely mobile
- LED display
- Operates at full power with no power connection
- 24 kVp stations
- 30 mAs stations
- 100 mA constant
- kVp 50 - 125
- mAs 0.4 - 320



Specifications

Dimensions

Height: 76 inches (1,930 mm)
Width: 25-3/16 inches (640 mm)
Depth: 45-3/8 inches (1,153 mm)
Weight: 1,050 lbs (477 kg)

Battery

Nine 12.9 volt batteries connected in series provide approximately 116 volt at full charge. Battery capacity is approximately 20,000 mAs at 100 kVp when fully charged and under specific conditions. Actual mAs capacity depends on the condition of the batteries, use of collimator lamp, electric brakes, rotor, and distance driven.

Movements

(tube vertical movement measured at the focal spot)

Range: At least 52.5" (1,334 mm)

Lowest position: 26.1" (663 mm) maximum from floor

Highest position: 78.6" (1,996 mm) minimum from floor

Horizontal movement measured at focal spot relative to column face: 24" (610 mm) minimum to 40" (1,016 mm) maximum

Tube column rotation measured from horizontal latch: 360°

Tube and yoke rotation around horizontal arm measured from tube port down position: Range (360°), detent locations (0, ±90°, ±180°)

Tube trunion rotation measured from tube port down position: Range (120°), forward (110°), backward (10°), detent (0°, 90°)

Collimator rotation measured from the front of the collimator with the tube port facing down: Range (180°), right (90°), left (90°), detent (0°, 90°)

Drive Speeds

Speed 1: Drive speed with horizontal arm secured for support - 264' (6,705 mm) per minute ±25%

Reproducibility

Speed 1: Drive speed with horizontal arm secured for support - 264' (6,705 mm) per minute ±25%

Speed 2: Maneuvering speed with horizontal tube arm removed from the transport latch - (30% to 60% of drive speed)

Drive speed is measured on a smooth, hard and level surface. Speed will be reduced by inclines, carpeted or soft surfaces.

Collimator

Minimum source to skin distance is limited to more than 30 cm by the skin spacers at the beam exit of the collimator. Full 17" × 17" (43 cm x 43 cm) radiographic coverage at 40" (1.02 mm) source to image distance. Minimum inherent filtration of 2.0 mm aluminum equivalent at 100 kVp.

Light Field Intensity

The average illumination at a distance of 100 cm (39.37") from the focal spot shall be 16 foot candles (170 lux) or more.