



The GE AMX-III is now available refurbished from DRE

- MX-75 275k HU X-ray tube with a .75mm focal spot
- LED display
- 24 kVp stations
- 28 mAs stations
- 100 mA constant
- kVp 50 – 125
- mAs 0.64 – 320

Warranty

- Eighteen-month warranty on all parts.
- One-year prorated warranty on the X-ray tube. For warranty purposes, X-ray tubes are valued at \$1,500.
- Two-year manufacturer’s warranty for the lead calcium batteries (the first year they are fully covered and the second year is prorated).

Technical Specifications

Power requirements: Obtained from rechargeable 120V battery

Power required to recharge battery: 110 to 125 VAC, 50/60 Hz, 6.0 amps

Battery capacity: Approximately 10,000 mAs at 100 kVp, when fully charged

Motor drive ratings: The drive assist unit can be driven at speeds up to 180 feet per minute or 54.9 meters per minute

X-ray generator ratings and duty cycle: All radiographic exposures with this unit are at 100 milliamperes

kVp (maximum):	mAs (maximum)
• 110 to 125	200
• 95 to 105	250
• 50 to 90	320

All rates and duty cycles are subject to limitations of the X-ray tube rating and apply at altitudes up to 8,000 feet (2,438 kilometers), average relative humidity not exceeding 80% and ambient temperature between 60° F (15.6° C) and 100° F (37.8° C)

Typical accuracies: ±6% of kVp and ±10% of mAs

Selection and Range	Accuracy
0.64 mAs to 1.25 mAs	±30%
1.6 mAs to 10 mAs	±20%
12.5 mAs to 320 mAs	±12%
50 kVp to 74kVp	±(9% + 1kV)
76 kVp to 125 kVp	± (12% + 2 kV)

kVp accuracies subject to additional ±(5% + 2kV) and mAs to ±3% accuracy of instrumentation used for calibration and measurement.

Conditions to meet previously mentioned accuracies

- Handswitch must have been released for 25 seconds after previous exposure.
- 15-minute interval after change completion with keyswitch in ON or CHARGE.
- Main power circuit breaker ON must be allowed before making an exposure

Collimator Specifications

- Minimum inherent filtration is 1.5 mm aluminum equivalent to 150 kVp. Additional filtration may be obtained by inserting 1 mm and/or 2 mm aluminum filters.
- Minimum source-to-skin distance is limited to more than 30 cm by the tracks on the bottom of the collimator for mounting the accessory extension cylinder.
- Full 17" x 17" (.43 m x .43 m) radiographic coverage at 40" (1.02 m) source to image distance is provided for tubes with a 15-degree target angle.
- Collimator can be rotated and locked positively at 0°, ±15°, ±30°, ±45°, and ±90° from the front position.