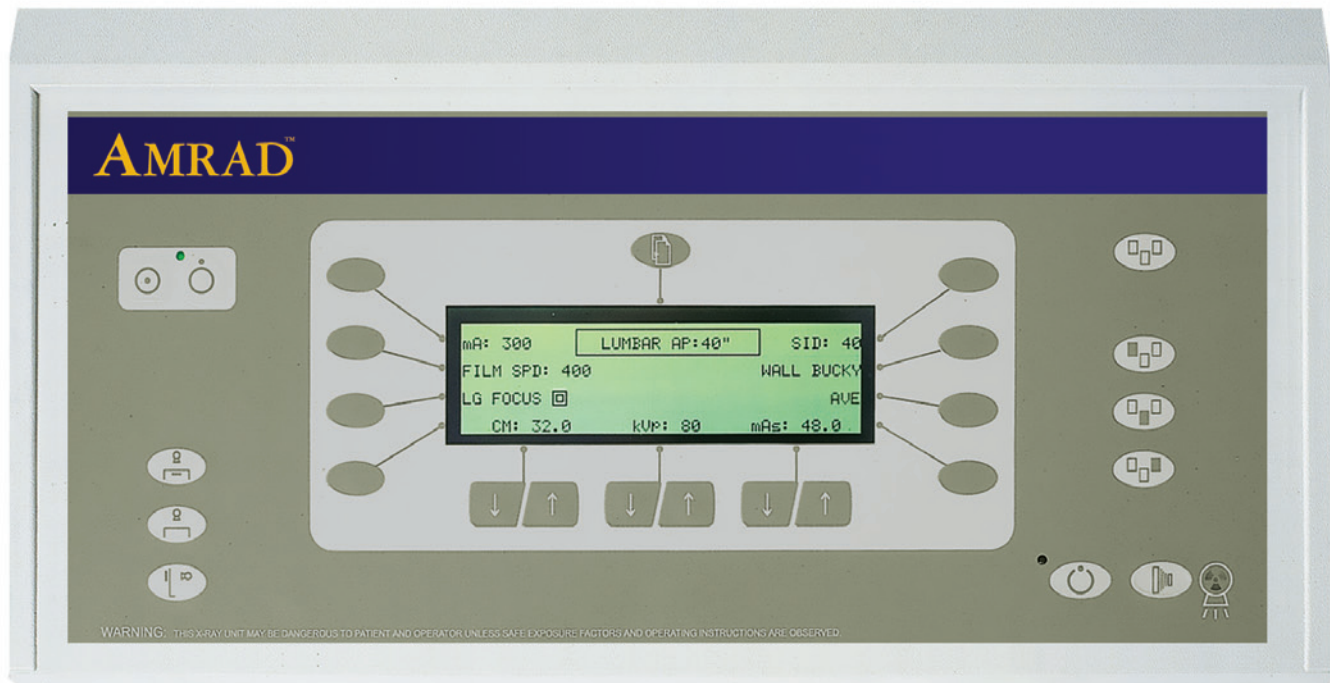


## AMRAD ADVANTAGE High Frequency Radiographic Generators



- 37.5, 40, 50, 65 and 80 kW power ratings
- 125 kVp or 150 kVp
- Manual or anatomical technique selection
- Automatic exposure control option
- Touch screen option

### Reliable

AMRAD™ is known for innovative development and quality workmanship in radiographic systems and components. AMRAD™ products help physicians provide top-quality health care for their patients every day. Each component has been designed for long term durability under heavy patient volume conditions. Backed by a five-year parts warranty, AMRADADVANTAGE generators offer exceptional performance, reliability and long-term investment value.



Optional touchscreen console

### Versatile

AMRADADVANTAGE high frequency generators provide the flexibility of either manual technique setting or a pre-programmed anatomical technique setting system. This allows the operator to input individual technique parameters in the manual mode or take advantage of the timesaving anatomical program feature.

### Accurate

The advanced 100 kHz high frequency technology of AMRADADVANTAGE generators assures minimal patient exposure over a wide range of radiographic exams.

The optional Automatic Exposure Control (AEC) provides optimal imaging. This state-of-the-art feature provides built-in circuitry to operate one or more ion chambers. With this economical option, you simply select the appropriate kVp for the desired view and press the exposure button. AEC automatically makes corrections for anatomical region, patient thickness and type. It then terminates the exposure at the precise mAs required for consistent film density. Retakes are virtually eliminated.



Operators console 4000HF-8000HF

### Specifications

Model	375HF	500HF	4000HF	5000HF	6500HF	8000HF
Constant potential kW power ratings	37.5	50	40	50	65	80
High Frequency	100 kHz	100 kHz	100 kHz	100 kHz	100 kHz	100 kHz
Radiographic kV range in 1 kV steps	40 to 125*	40 to 125*	40 to 150	40 to 150	40 to 150	40 to 150
mA range	25 to 375	25 to 500	10 to 500	10 to 630	10 to 800	10 to 1000
mAs range	0.1 mAs to 420 mAs	0.1 mAs to 600 mAs	0.5 mAs to 630 mAs	0.5 mAs to 1000 mAs	0.5 mAs to 1000 mAs	0.5 mAs to 1000 mAs
Exposure time range	4 mS to 6 seconds	4 mS to 6 seconds	1 mS to 6.3 seconds	1 mS to 6.3 seconds	1 mS to 6.3 seconds	1 mS to 6.3 seconds
Technique selection	kVp/mAs APR/Patient thickness APR/AEC (optional) kVp with AEC (optional)	kVp/mAs APR/Patient thickness APR/AEC (optional) kVp with AEC (optional)	kVp/mAs kVp/mA/Time APR/Patient Size APR/AEC (optional) kVp with AEC (optional)	kVp/mAs kVp/mA/Time APR/Patient Size APR/AEC (optional) kVp with AEC (optional)	kVp/mAs kVp/mA/Time APR/Patient Size APR/AEC (optional) kVp with AEC (optional)	kVp/mAs kVp/mA/Time APR/Patient Size APR/AEC (optional) kVp with AEC (optional)
<b>Power Requirements</b>						
Single phase						
230 V	✓		✓			
Three phase						
400 V		✓				
480 V			✓	✓	✓	✓
5-year parts warranty	✓	✓	✓	✓	✓	✓
UL Classified	✓	✓	✓	✓	✓	✓
<b>Options</b>						
Built-in Automatic Exposure Control (AEC)	✓	✓	✓	✓	✓	✓
Wall mounting kit for operator console			✓	✓	✓	✓
Floor pedestal mounting kit for operator console	✓	✓	✓	✓	✓	✓
High speed tube starter			✓	✓	✓	✓
150 kV operation	✓	✓	standard	standard	standard	standard
Step-up transformer for 208 to 229	✓	✓	✓	✓		
VAC operation			3 phase			
Touchscreen operator console			✓	✓	✓	✓

Shown on cover: 375 HF, 37.5kW operators console.

\*If the 150 kV option is selected, the kV range will be 40 to 150

### Worldwide Support

AMRAD™ radiographic products are backed by an exclusive, worldwide dealer network for support and service. This exceptional group of professionals is dedicated to providing you with unequalled products and services.