

## AMRAD CLASSIC Radiographic Generators



500e HF operator's console

- High Frequency or Standard Frequency
- 50, 40, and 30 kW power ratings
- Anatomical or manual technique selection
- Automatic exposure control option
- Digital imaging compatible



**Proven Designs,  
Delivering  
Top Performance  
and Reliability**

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.

**Protect Your  
Investment**

Backed by a five-year parts warranty, AMRAD generators offer exceptional performance, reliability and long-term investment value.



**20 kHz High Frequency Generators  
AMRAD 500e HF, 400e HF and 300 HF**

**Power at an Affordable Price.** Designed for clinical use, 20 kHz High Frequency technology delivers the benefits of reduced patient exposure, maximum diagnostic image quality and extended tube life. Choose between AP, Manual or AEC Mode. With three modes to choose from, the user-friendly operator console provides maximum flexibility and full control of the powerful generator. AMRAD generators display technique factors for the x-ray exposure as well as the exposure parameters. The soft-touch arrow buttons provide complete control to modify any technique factor or parameter.

**AP (Anatomical Programming) Mode.**

This helpful feature (optional on the 300 HF) offers consistent, effortless images by fast, automatic technique selection in three easy steps:

- 1) Select the anatomical region.
- 2) Select the radiographic view.
- 3) Select the patient centimeter thickness.

For greater flexibility, the AP program can be modified and the changes saved to memory. Customized AP menus and parameters can be saved.

**Manual Mode.** Offering fast 2-point selection of only the kVp and mAs factors, the generator will



300 HF 2-point operator's console

automatically select the highest mA station and the shortest exposure time — resulting in less image blur caused by patient motion. The large LCD window displays the kVp, mAs and mA station, allowing modifications to be made prior to the x-ray exposure.

**AEC (Automatic Exposure Control) Mode.**

An optional Automatic Exposure Control (AEC) and receptor ionization chamber is available on all High Frequency generators. This state-of-the-art feature terminates the exposure automatically at the exact mAs necessary to obtain the optimal image.

**Standard Frequency Generators  
AMRAD 360 and 325**

The 360 generator is a high-quality, full-featured 60 Hz generator ideal for today's private practice setting. With over 20 time stations below one second, the 360 satisfies the unique application requirements for extremities and short exposure chest x-rays.

The 325 generator combines state-of-the-art technology with simplicity. Suitable for a wide range of radiographic procedures, the 325 delivers accuracy, safety and reliability.



325 operator's console

**NEW 3 Phase Generators**

SPECIFICATIONS				
MODEL	500e HF	400e HF	300 HF	360 / 325
Output power rating	50 kW	40 kW	30 kW	360: 32 kW / 325: 29 kW
Output frequency	20 kHz	20 kHz	20 kHz	60 Hz
kVp range and selections	40 – 125 in 1kV steps	40 – 125 in 1kV steps	40 – 125 in 1kV steps	40 – 125 64 selections
mA range and selections	50s, 100s, 200L, 300L, 350L, 400L, 450L, 500L	50s, 100s, 200L, 300L, 350L, 400L, 450L, 500L	50s, 100s, 150L, 200L, 250L, 300L	360: 24s, 48s, 120s, 240L, 300L, 360L 325: 50s, 100s, 150L, 200L, 300L
mAs range	0.1 – 600	0.1 – 600	0.5 – 400	360: 0.2 – 600 325: 0.4 – 600
Exposure time range	.004 – 3.0 seconds	.004 – 3.0 seconds	.004 – 2.66 seconds	360: .008 – 2 seconds 325: .008 – 6 seconds
Power requirements (see options below)	230 – 250 VAC 3 phase	230 – 250 VAC 3 phase	230 – 250 VAC 1 phase	208-277 VAC 1 phase
5 years parts warranty	✓	✓	✓	✓
UL Classified	✓	✓	✓	✓
OPTIONS				
Anatomical programming	Standard	Standard	✓	
500 mA (50s, 100s, 200L, 300L, 350L, 400L, 450L, 500L)	Standard	Standard	✓ (see Note 1)	
Automatic Exposure Control (AEC) with integrated electronics	✓	✓	✓	
Power Step-up transformer	208 – 229V 3 phase operation	208 – 229V 3 phase operation	208 – 229 V operation	
Power Step-down transformer	380 – 480V 3 phase operation	380 – 480V 3 phase operation		
Wall mounting kit for operator console	✓	✓	✓	
Floor pedestal for operator console	✓	✓	✓	

Notes: 1. If the 500mA option is selected, the mAs range will be 0.1 – 600, time range will be .004 – 3.0 seconds, and the mA selections will be 50s, 100s, 200L, 300L, 350L, 400L, 450L, and 500L.

**Worldwide Support**

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

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