

BENNETT™

X-RAY GENERATORS



HF-30B X-ray Generator

***Dedicated to Quality, Innovation and
the Chiropractic Profession***



The Benefits of BENNETT Generators

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.

The HF-30B generator provides up to 600 mAs output to accommodate difficult images such as lateral lumbar views on large patients.

Choose Between 40kW AP, 30kW AP or 30kW Manual

With three modes to choose from, the user-friendly operator console provides maximum flexibility and full control of the powerful generator. Bennett 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)

This helpful feature (available on the 400e and HF-30B) 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

Offering fast 2-point selection of only the kVp and mAs factors, the HF-30 generator will 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.

Specifications	400e	HF-30B	HF-30
Output power rating	40 kW	30 kW	30 kW
Output frequency	20 kHz	20kHz	20 kHz
Maximum output	500 mA @ 80 kVp	500 mA @ 60 kVp	300 mA @ 100 kVp
kVp range and selections	40 – 125 in 1 kV steps	40 – 125 in 1 kV steps	40 – 125 in 1 kV steps
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
mAs range	0.2 - 600	0.2 - 600	0.5 - 400
Exposure time range	0.004 - 3.0 seconds	0.004 – 3.0 seconds	0.004 - 2.66 seconds
Power requirements (see options below)	230 – 250 VAC 3 phase	230 – 250 VAC 1 phase	230 – 250 VAC 1 phase
Made in the U.S.A.	✓	✓	✓
Options			
Anatomical programming	Standard	Standard	✓
Automatic Exposure Control (AEC) with integrated electronics	✓	✓	✓
Line match transformer	For 208-229 VAC 3 phase electric service	For 208-229 VAC 1 phase electric service	For 208-229 VAC 1 phase electric service
Line match transformer	For 380-480 V 3 phase electric service	n/a	n/a
Wall mounting kit for operator console	✓	✓	✓
Floor pedestal for operator console	✓	✓	✓

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