



In designing our HF-110A System, DynaRad addressed your professional demands



- ▶ SUPERIOR IMAGE QUALITY
- ▶ HIGH FREQUENCY OUTPUT
- ▶ MICROPROCESSOR CONTROL
- ▶ ELECTRONIC REGULATION OF
kVp AND mAs
- ▶ CONVENIENT OPERATION

and... portability



A New Concept in Portable Radiography

DynaRad's present and future reputation depends on meeting two objectives-Quality and Reliability.

What this commitment means to the medical professional is hospital-quality imaging performed anytime, anywhere with greater equipment longevity, low maintenance requirements and total customer satisfaction.



DYNARAD

An ISO 9001 Company

DYNARAD CORPORATION

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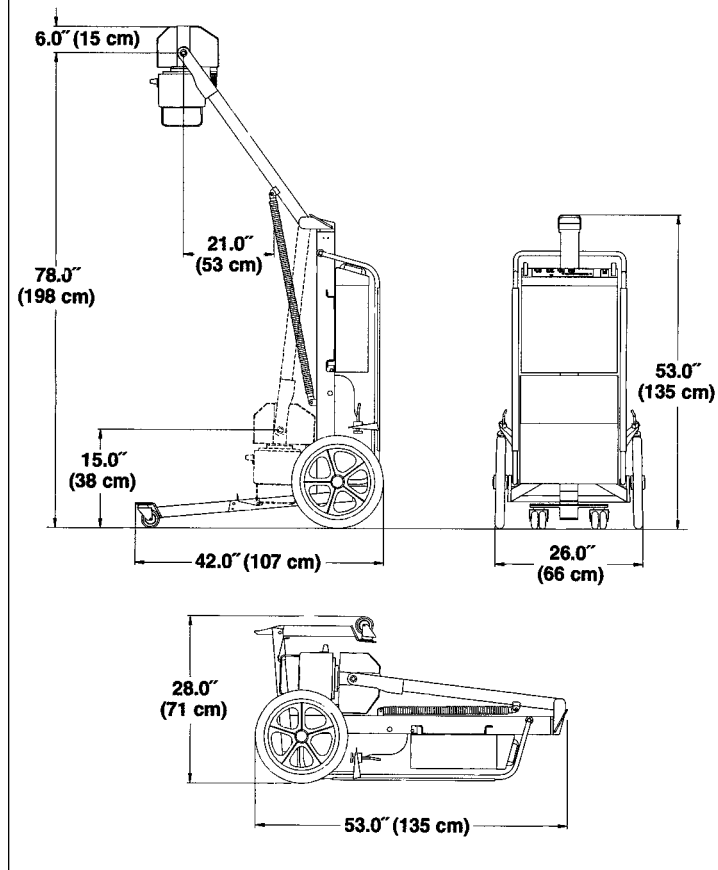
HF-110A Portable X-ray System

ELECTRICAL SPECIFICATIONS

Generator Type:	High frequency inverter, 2.5 kilowatt output.
kVp Range:	50-100 kVp continuously adjustable, with 1 kVp resolution.
mA Range:	Fixed, 15 mA and 25 mA, constant independent of kVp or time settings.
Exposure Time:	0.01 to 4.0 seconds in 96 increments.
Indicators:	Ready, X-ray on, mA Selected. Digital display of kVp, mAs and time. AEC grid and density control.
Exposure Switch:	Detachable hand switch, two position, prep and x-ray on.
X-ray Tube:	Stationary anode, 110 kVp.
Filtration:	2.7 mm of aluminum at 100 kVp (min.).
Target Material:	Tungsten.
Anode Capacity:	30,000 heat storage capacity.
Focal Spot:	1.0 mm (NEMA).
Beam Angle:	12.5°
Collimator:	P180HS
Lamp Source:	30 second timer.
Tape Measure:	For SID distance.
Inclinometer:	For angle measurement.
Electrical Requirements:	110-125 VAC, 50 Hz. or 60 Hz., or 220-250 VAC, 50 Hz. or 60 Hz.

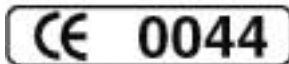
MECHANICAL SPECIFICATIONS

Maximum Focal Spot to Floor:	78" (198 cm)
Minimum Focal spot to Floor:	15" (38 cm)
Horizontal Extension of Focal Spot:	21" (53 cm)
Rotation About Horizontal Axis:	360°
Rotation About Tube Axis:	270°



System Dimensions:	Horizontal storage position- *with front leg folded 27"W, 52"L, 28"H (66 x 135 x 71 cm).
	Vertical storage position- 52"H, 27"W, 28"L (135 x 66 x 71 cm).
System Weight:	Total System Net Weight 150 lbs. (68.2 kg)
Component Weight:	HF-110A-C Control Cabinet-32 lbs. (14.5 kg) HF-110A-G X-ray generator - 50 lbs. (22.7 kg) HF-110A - S Mobile stand- 58 lbs. (26.4 kg) HF-110A-D Cassette drawer-10 lbs. (4.5 kg)

Certified to be in compliance with FDA regulations concerning general purpose portable x-ray system. Specifications subject to change without notice. For additional information contact your local x-ray dealer or DynaRad.



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