

# HF Radiographic Systems

## CONRAD

*Series*

The practical design assures user friendly operation while offering state of the art micro-processing control. Hospital grade components at affordable prices makes the ConRad Series Radiographic Systems the wise choice for a wide variety of applications.

The high frequency techniques assure accurate and low dose exposures for the whole range of radiographic practices. The new ConRad generators match the needs of a busy radiology department with today's advanced technology. Their modular design is one of the smallest and lightest packages on the market today!

Affordable while still maintaining the Hospital Grade

Excellence that measures up to your highest expectations.

Many options are available for this new HF Radiographic System to meet your needs.



**Imaging for the Future**

## HF Generator

- Microprocessor control delivers reliability and accurate exposure parameter management.
- Outstanding linearity, low ripple, 300 or 400 mA maximum tube current
- Easy-to-use flat surface control panel
- Operates as a 3-factor technique selection generator (kVp, mA, Time) with mAs operation selectable by operator. kVp can be varied in 1 kVp steps from 40-125 kVp
- Wide range of selectable exposure times for easy parameter selection and flexibility
- Rapid automatic calibration mode reduces the onsite procedure time
- Reduced x-ray dose as compared to traditional generator systems equals patient safety
- Faster procedures due to improved x-ray imaging techniques means more throughput
- Automatic tube protection and interlocks are all standard features.

*Optional:* Consistent image quality using AEC for table and/or Wall

	OUTPUT POWER	Max. mA @	mA range	kVp range
<b>ConRad 325 HF</b>	20 kW	200 mA @ 100 kV	25 – 300 mA	40 – 125 kV
<b>ConRad 425 HF</b>	30 kW	300 mA @ 100 kV	25 – 400 mA	40 – 125 kV

## Radiographic Table

- Heavy duty structure, rated at 500-lb. patient load
- 4-Way Table with electromagnetic locks for longitudinal and transverse travel
- 43" longitudinal, 9" transverse travel
- 86" x 32" table top, <1 mm Al equivalent filtration (short lengths – 73" – available)
- Heavy-duty grid cabinet with heavy-duty stainless steel tray and 103 LPI 10:1 grid.

*Optional:* Hi-speed Bucky with electric locks available, 22" travel  
Elevating 4-Way table, 21.5" – 33.5" table top heights

## Tubestand

- Electrical locks for vertical and longitudinal positioning
- 360° tube rotation with electric locks
- Quiet, effortless operation with special bearing systems
- Fully counter-balanced, double rope system for safety
- Extremely low focus-floor distance (approx. 9.5")
- Trunnion mount for x-ray tube ensures flexible positioning
- Floor to ceiling, floor to wall or floor only mounting options
- Certified manual collimator with light beam positioning system

*Optional:* transverse arm movement and/or column rotation with 90° mechanical detent

## X-Ray Tube

- 140 kHU 1.0–2.0 mm focal spots, 90° horns, standard 30' H.V. cables
- Optional* tube upgrades available

## Wall Stand

- 58" vertical travel for the lowest and highest exposure positioning in unison with tubestand
  - Fully counter-balanced, double rope system for safety
  - Mechanical or Electromagnetic lock for easy positioning and permanent placement
  - Includes Aluminum side rails which supports a variety of accessories
  - Panel cover with cross-lines and AEC fields marks for easy patient and tube positioning
  - Heavy-duty grid cabinet with heavy-duty stainless steel tray and 103 LPI 10:1 grid.
- Optional:* Hi-speed Bucky  
Wall box with terminal strips and cable hosing for professional look installation

Systems include all interconnecting cables needed and are prepared for quick and easy installation.

*Specifications subject to change without notice*

Your Dealer:

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