

RADX | HFX 40

HF
40kW



High Frequency Fixed X-ray
with ECO DR system

- ✓ X-Ray table with toughened glass
- ✓ Single column dual function
- ✓ Digital console with large colour 7" TFT display and soft touch keypad
- ✓ Technique mode of selection facility for both 2 factor exposure mode (kV, mAs) and 3 factor exposure modes (kV, mA, mAs)
- ✓ Minimal skin dose due to lower exposure factors (radiation safety both for patient and operator)
- ✓ Integrated graphical display for Anatomically programmed radiography (APR) with anatomical details for high image quality
- ✓ High strength counter balanced floor to ceiling stand for tube head
- ✓ Dual focus rotating x-ray tube with ± 180 degree rotation for all types of radiographical procedure
- ✓ High anode heat content to achieve more stable and continuous exposure performance for high workload environment
- ✓ A hand switch with dual action for exposure release with retractable cord
- ✓ Self diagnostics program to ensure error free functioning of the system



User friendly digital control panel

High power Type

Max. output **40 kw**

Short exposure times

Inverter frequency	Max. 220 kHz
Tube voltage	Max. 125 kV
Tube current-time product	Max. 1000 mAs

APR

29
Body parts

×

3
Body position

×

3
Body thickness

=

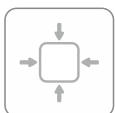
261
Programs



Radiography Mode



Manual Mode



Compact and light weight design



40kW Generator Output



High Frequency Generator



Smaller Focal Spot for superior image quality



500mA, 125kV



Ceiling Free design
counter balance tube
head with $\pm 180^\circ$ rotation



Mobile examination
table with braking
mechanism system

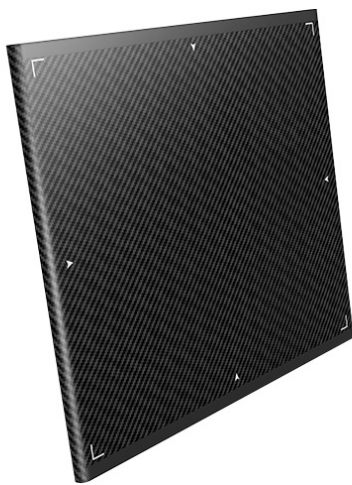


User friendly digital
control panel with
2 step remote exposure
switch and retractable cord



Floor mounted Vertical
bucky chest stand
for wide range of
radiography examinations

Affordable, Digital Upgrade



Flat Panel X-ray Detector
(optional)

DR Digital X-ray Detector *Plug & Play*

- Portable digital flat panel detector
- 17" x 17" active area
- Long life battery
- High SNR and Low Noise at lower dose
- Faster image acquisition in less than 3 second
- Large on-board storage memory
- Add on reduced patient dosage
- Wire / Wireless image transfer
- Light weight with enhanced durability
- Reliable high-performance imaging
- High sensitive AED function



HFX 40 - Technical Specifications

General

Maximum output	40 KW
KV range	40 to 125 kV in 1 kV step
mA range	10 to 500 mA
MA's range	0.4 to 1000 mAs
Timer range	1 to 10000 msec
X-ray tube	Rotatory anode with dual focal spot
Focal spot	2.0 (large), 1.0 (small)
Collimator	Manual, Light Beam Diaphragm (LBD)
Generator	220 kHz
Stand	Fixed Stand (FS)

Control Panel

Display	7" colour TFT
Input	Soft touch keypad

Power Supply

Input voltage	Three phase, 400V AC \pm 20 VAC
Input frequency	50/60 Hz \pm 1Hz
Power requirements	50 KVA

Flat Panel Detector (FPD)

Conversion Screen (scintillator)	CsI / GOS
Pixel Pitch	140 μ m
Imaging Area	17 x 17 inch
On-board storage	< 100 images

Mechanical

Generator (mm)	420 (L) x 523 (W) x 475 (H), 68Kg
Control Panel (mm)	550 (L) x 340 (W) x 1057 (H), 18Kg
Fixed Stand (mm)	830 (L) x 1200 (W) x 2900 (H), 160Kg (Length is without floor rail, width and height adjustable)

Tube Head Positioning (Fixed Stand)

Generator

Control Panel

Fixed Stand

Others

Accessories	Manual Light Beam Collimator Hand switch with retractable cord
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Choice of X-ray examination Table



Vertical Bucky
Stand



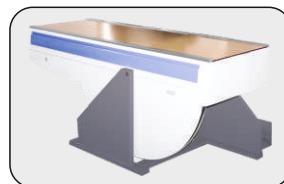
Horizontal Bucky Table
(HRT)



5 position Manual Tilt Table
(MPT)



Horizontal Table with Floating Top
(HFT)



Motor driven table
(MDT)

Since R&D is a continuous process, to make changes in product features, specifications, aesthetics and/or to discontinue the same at any time without notice or obligation



ISO 9001:2015



EN ISO 13485:2016



AERB



BIS

