

HF
32kW

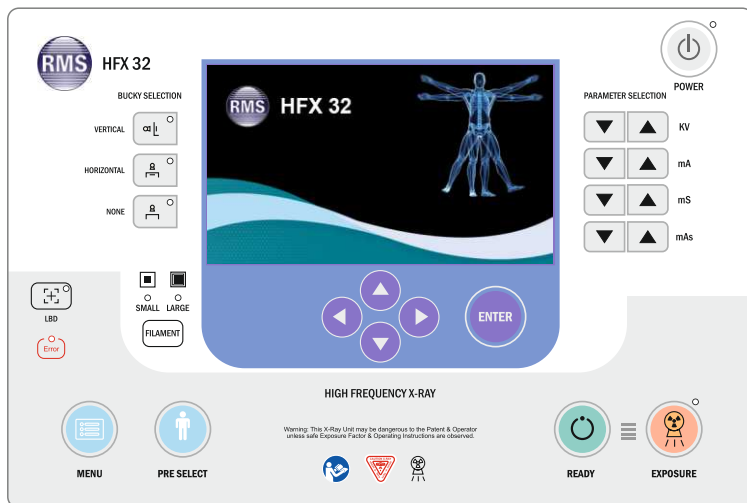


Tube Head Control with
7" touch screen display
(optional)



High Frequency Fixed X-ray
with APR

- ✓ 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 **32 kw**

Short exposure times

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

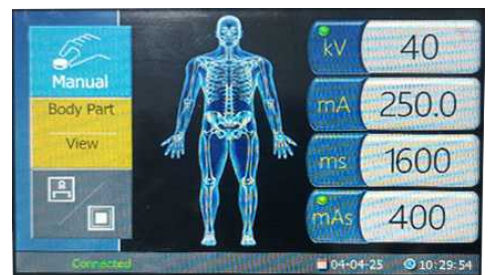
APR

29 x 3 x 3 = 261

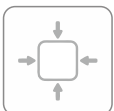
Body parts Body position Body thickness Programs



Radiography Mode



Manual Mode



Compact and light weight design



32kW Generator Output



High Frequency Generator



Smaller Focal Spot for superior image quality



500mA, 125kV



● Integrated Mobile DR Stand

DR Digital X-ray Detector Optional

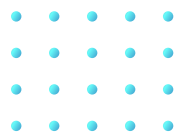
Mobile DR Panel positioning stand is a versatile and robust multipurpose holder designed to facilitate spine exams in even the most challenging imaging environments. Engineered with precision, features well-balanced design to ensure exceptional stability, minimizing the risk of tipping. Its compact footprint allows for easy draping and sterilization during surgical procedures with smooth manoeuvrability.



● High Frequency Power Generator



- High-Frequency power generator ensures reliability and consistent imaging performance
- High frequency inverter technology with 32 KW multipulse output
- Stable power generation accuracy and reproducibility at shortest exposure time
- Modular and platform based design for installation and maintenance
- Compact size and high power density



HFX 32 - Technical Specifications

General

Maximum output	32 KW
KV range	40 to 125 kV in 1 kV step
mA range	10 to 400 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)

Tube Head Positioning (Fixed Stand)

Minimum focal spot height	520 mm
Maximum focal spot height	2160 mm
Vertical travel	1640 mm
Maximum horizontal extension	370 mm
Rotation movement	± 180°

Control Panel

Display	7" colour TFT
Input	Soft touch keypad

Power Supply

Input voltage	Three phase, 400V AC ± 20 VAC
Input frequency	50/60 Hz ± 1Hz
Power requirements	40 KVA

Flat Panel Detector (FPD)

Conversion Screen (scintillator)	CsI / GOS
Pixel Pitch	140 µm
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)

Others

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



Vertical Bucky
Stand



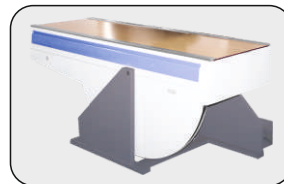
Horizontal Bucky Table
(HRT)



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

