



# HFX 3.5P

Medical Diagnostic Image System

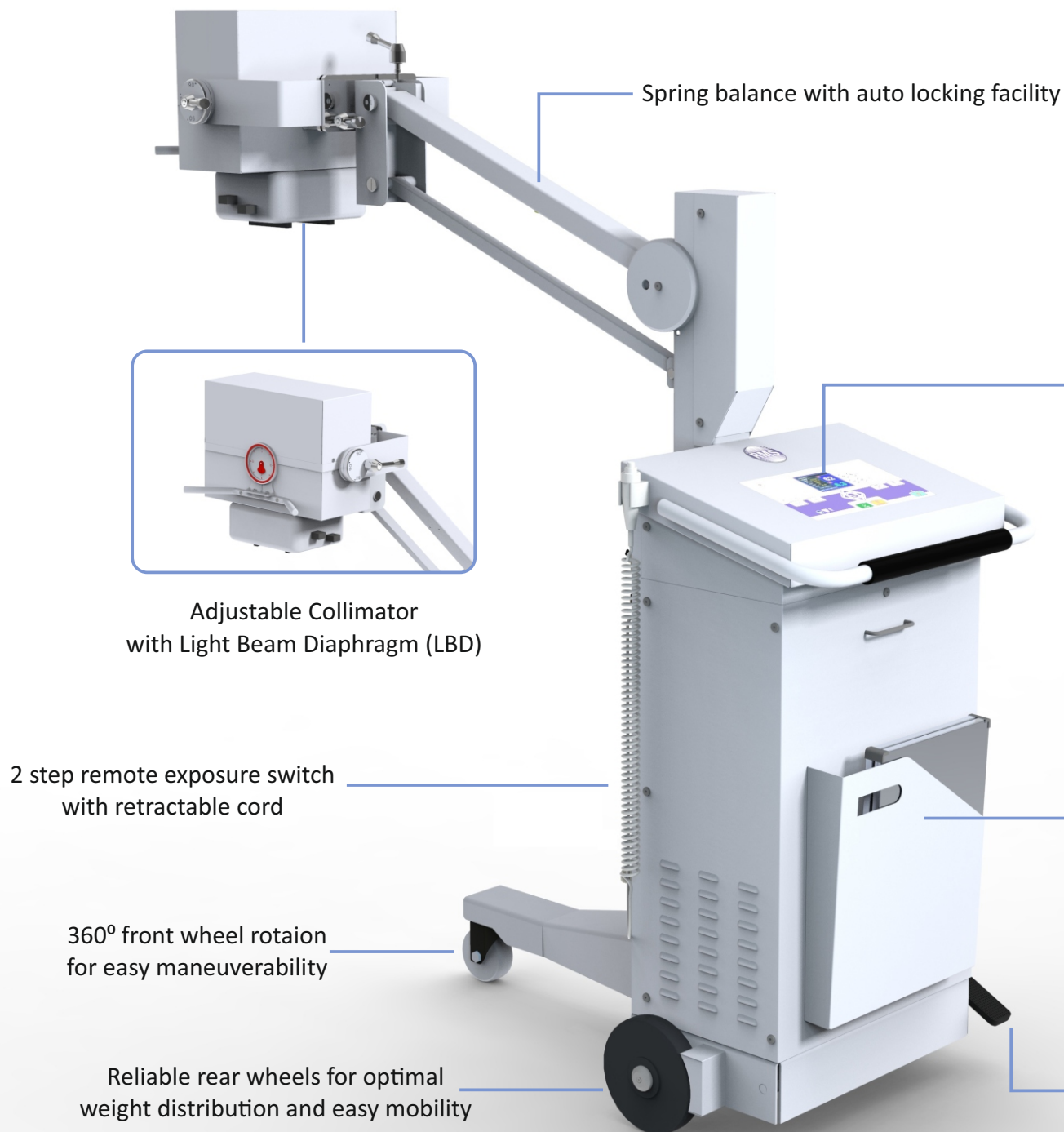


## Mobile High Frequency X-ray

with color TFT display

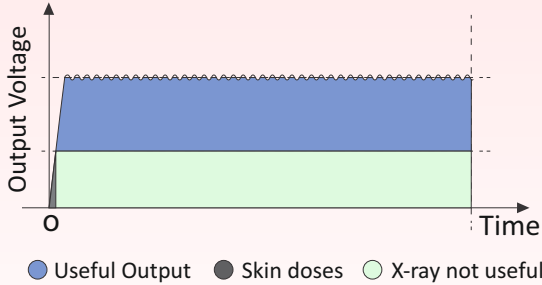
- Digital control panel with soft touch keyboard
- Compact, lightweight design for easy to move
- Digital selection for kV and mAs
- Ergonomically design for safety and comfort

**HFX 3.5P** mobile X-ray is based on high frequency and high voltage X-ray generator, which ensure superior image quality, with low skin dose to protect the patient effectively.



## High-performance with efficient dosage, results in

- Reduced dose to patient and technician with unwanted radiation
- Low power consumption
- Uniform and low scatter radiation



HF X-ray generator use the frequency-inverter-rectifier technology, to produce near constant potential



User friendly digital control panel with color TFT display and soft touch keypad



Storage space for cassette holder, notepad and accessories

Efficient foot brake

## Upgradable to high performance flat panel X-ray detector for Digital Radiography (DR)

Superior image digital X-ray detectors designed for ease of use and safe transport

- Portable digital flat panel detector with active area of 14" x 17"
- Add on reduced patient dosage for patient and clinician
- Portable digital flat panel with long life battery
- Reliable high-performance imaging
- Wireless design boosts workflow
- Wireless design helps in minimize the infection risks and trip hazards of cables
- In-built memory in flat panel offline storage
- Faster image display with high speed operation
- Various applications such as general radiography, orthopaedic, veterinary



Analysis, reporting and PACS

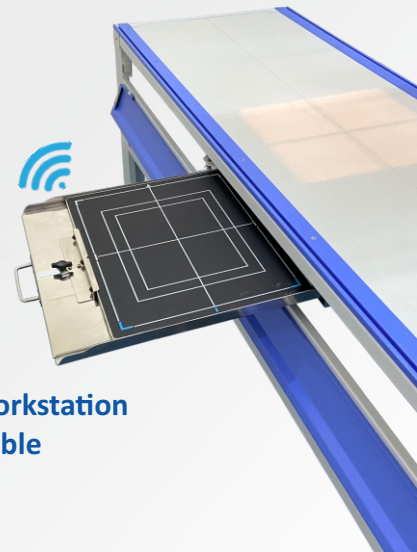


Image transfer to workstation through WiFi and cable

# HFX 3.5P - Technical Specifications

## General

Maximum output	3.5 KW
kV range	40 to 110 kV in in1 kV steps
mA range	20 to 70 mA
mAs range	1 to 200 mAs (24 steps)
Timer range	0.01 to 4 sec (24 steps)
X-Ray tube	Stationary anode with dual focus spot
Focal spot	Large size 1.8 mm <sup>2</sup>
Collimator	Manual, Light Beam Diaphragm (LBD)
Generator	40 KHz
Stands	Spring Balance Mobile (SBM) Fixed Stand (FS) optional

## Tube Head Positioning

Minimum focal spot height	590 mm
Maximus focal spot height	1902 mm
Vertical travel	1312 mm
Maximum horizontal extension	1050 mm
Swing movement	± 90°
Rotation movement	± 90°
Arm movement	± 61°

## Control Panel

Display	Color TFT
Input	Soft touch keypad

## Power Supply

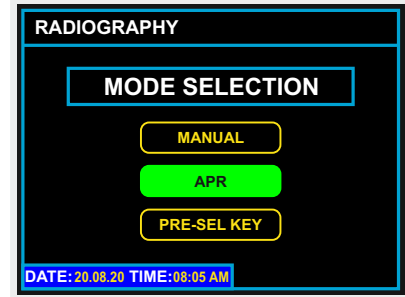
Input voltage	Single phase, 230V AC ± 10 %
Input frequency	50 Hz ± 5%
Power requirements	4.3KVA
Power socket	15 Amps

## Mechanical

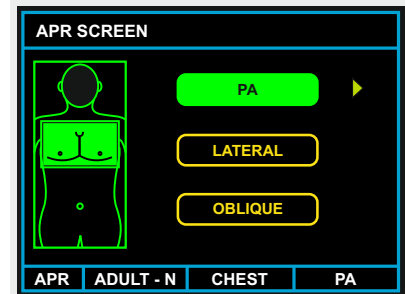
Dimension (in mm)	1315 (L) x 637 (W) x 1450 (H) in locked position
Weight	150 kg (approx.)

## Others

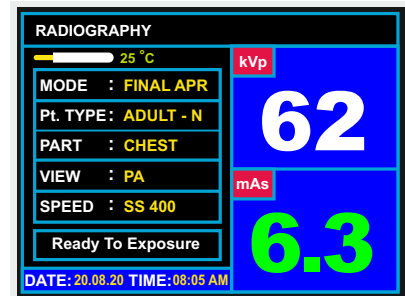
Accessories	Manual Light Beam Collimator Hand switch with retractable cord
Tables (optional)	HRT - Horizontal Bucky Table. MPT - 5 Position, Hand Tilt Manual Table HFT - Horizontal table with Floating Table Top



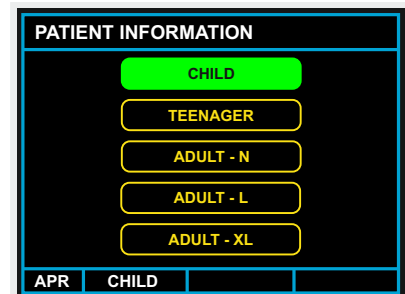
Radiography Mode



Anatomical Program



APR Mode



Patient Selection

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



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