



Dedication Beyond Measure

# HF-525PLUS

## RADIOGRAPHIC X-RAY SYSTEM

Conventional / Digital  
Radiographic System

Your complete RAD ROOM  
solution — designed for  
precision and efficiency.

- Floor Mounted
- Ceiling Suspended
- Auto-Tracking System
- DR Flat Panel Ready

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Medlight Medical Equipment Trading LLC

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## HF-525PLUS System Overview

The HF-525PLUS is a versatile radiographic X-ray system offering floor-mounted, ceiling-suspended, chest exam, and straight-arm configurations. Powered by a high-frequency generator delivering up to 400mA for compact units and 1,000mA for advanced models. Fully compatible with digital radiographic systems featuring cutting-edge flat-panel detectors and high-quality image acquisition software.

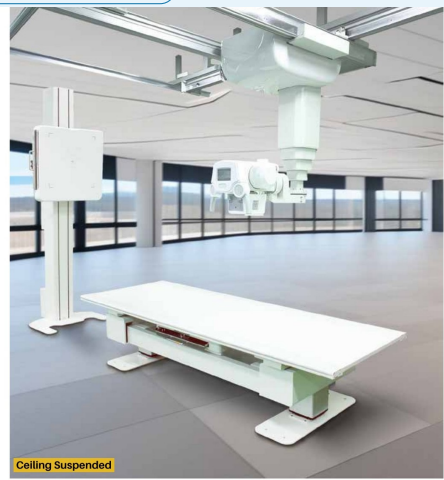
**Floor Mounted**

reliable examinations in the radiology room.

**Floor Mounted**



**Ceiling Suspended**



**Ceiling Suspended**

### Auto-Tracking Movement System

The basic version requires manual operation for tube and bucky movement.

The advanced Auto-Tracking System ensures synchronized movement between tube and bucky.

Provides precise synchronization to both wall bucky and table bucky simultaneously.

400mA ~ 1000mA

High  
Freq Generator

Flat Panel  
DR Ready

Auto-Track  
Available

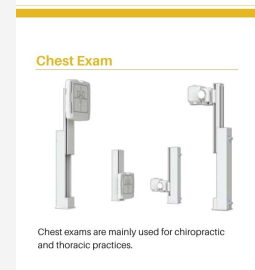
## System Configurations

### Straight Arm



- 17x17 FPD fixed type
- Collapsible compact stand
- Hand grip lock sensor
- SID & ANGLE on LCD
- Motorized up/down & SID
- High quality DR images

### Chest Exam



- Chiropractic & thoracic use
- Auto focus motor control
- Clinic or vehicle install
- LCD console fast workflow
- Compact portable design
- Easy operation

### Floor Mounted



- 200cm longitudinal travel
- 80cm transverse travel
- 150cm vertical (40~190cm)
- 250kg max table loading
- 10:1 oscillating grid
- Max 17x17 inch cassette

### Ceiling Suspended



- Rail: 3500x2500mm / 4000x3000mm
- Tube rotation +/-180 degrees
- 1500mm vertical travel
- Manual & synchro versions
- Auto-tracking compatible
- Extended motion range

## Optional Items & Auto-Tracking System

### Optional Items

#### LCD Touch Screen

kV, mA, mAs/sec synchronization  
with LCD Console control

#### Ceiling Suspended (Manual)

Rail: 3500x2500 / 4000x3000mm  
Tube rotation +/-180, 1500mm vertical

#### Tilting Bucky Device

Tilting: -20 to +90 degrees  
Auto tracking to wall stand & table

#### Transverse Movement

Transverse travel: 260mm  
Extended positioning range

#### 6-Way Elevating Table

Upgraded 4-way table, motor elevation  
Vertical travel: 500~800mm

#### Auto-Collimator

Auto-Collimation for tracking system  
Light field maintained at all SID changes

### Auto-Tracking System (Optional)

- **Floor Mounted Tube Stand (Synchro)**  
Auto tracking to wall stand & 6-way elevating table top
- **Ceiling Suspended Tube Stand (Synchro)**  
Auto tracking to wall stand & table
- **Motorized Upright Stand (Synchro)**  
Auto tracking to tube — up and down movement
- **6-Way Elevating Table (Synchro)**  
Motor elevation control + auto tracking to elevating table top
- **Auto-Collimator**

Light field size maintained even when SID changes — real time aperture control

## System Specifications

Medlight Medical Equipment Trading LLC provides steady and reliable radiographic solutions for your radiology room.

Category	Specification	32kW / 40kW	50kW	65kW / 80kW
<b>Generator</b>	<b>Type</b>	High Freq Inverter	High Freq Inverter	High Freq Inverter
	<b>Max. mA/kV</b>	400~500mA / 125kV	630~800mA / 150kV	800~1000mA / 150kV
	<b>Max. Rating</b>	400mA @80kV	630mA @75kV	1000mA @80kV
	<b>mAs Range</b>	0.1~500mAs	0.1~800mAs	0.1~1000mAs
	<b>Exposure Time</b>	0.001~6sec (81 steps)	0.001~6sec	0.001~6sec
	<b>Output Frequency</b>	40 kHz	40 kHz	500 kHz
	<b>Line Voltage</b>	220VAC / Single Phase	220VAC / Single	380VAC / 3 Phase
<b>Tube</b>	<b>Type</b>	Rotating Anode Tube	Rotating Anode	Rotating Anode
	<b>Anode Heat Storage</b>	140kHU / 300kHU (opt)	300kHU standard	300~600kHU
	<b>Dual Focal Spots</b>	1.0/2.0mm std, 0.6/1.2mm opt	1.0/2.0mm	0.6/1.2mm
	<b>Max. mA/kV</b>	500mA / 125kV	700mA / 150kV	1000mA / 150kV
	<b>Target Angle</b>	16 degrees (std)	16 degrees	12 degrees
<b>Tube Stand</b>	<b>Longitudinal Travel</b>	200 cm	200 cm	200 cm
	<b>Transverse Travel</b>	26 cm (optional)	26 cm	26 cm
	<b>Vertical Travel</b>	150cm (40~190cm floor)	150cm	150cm
<b>Bucky Table</b>	<b>Type</b>	4-Way Floating Top	4-Way Floating	4-Way Floating
	<b>Max. Loading</b>	250 kg	250 kg	250 kg
	<b>Grid</b>	10:1 Oscillating 103 lpi	10:1 Oscillating	10:1 Oscillating
	<b>Cassette Tray</b>	Max. 17 x 17 inch	Max. 17 x 17 inch	Max. 17 x 17 inch
<b>Wall Bucky</b>	<b>Vertical Travel</b>	150cm (40~190cm floor)	150cm	150cm
	<b>Grid</b>	10:1 Oscillating 103 lpi	10:1 Oscillating	10:1 Oscillating
	<b>AEC</b>	3-field ionization chamber	3-field AEC	3-field AEC
<b>Options</b>	<b>Ceiling Suspension</b>	Ceiling suspended tube stand	Available	Available
	<b>Elevating Table</b>	Motorized 4-way float top	Available	Available
	<b>DAP</b>	Dose Area Product chamber	Available	Available

\* Specifications are subject to change. \* Contact Medlight for pricing, installation and technical support.

**Contact us for pricing, installation and technical support**

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