

## EVA Series

High Frequency Radiography System



## SYSTEM SPECIFICATION

### High Frequency Generator

	EVA-HF525	EVA-HF750(500mA)	EVA-HF850(700mA)
Method	Inverter (40kHz)	Inverter (40kHz)	Inverter (400kHz)
Tube Current (mA)	25mA~500mA	25mA~500mA	10mA~700mA
Tube Voltage (kV)	40~125kVp	40~150kVp	40~150kVp
Output	40kW	50kW	80kW
Electrical	Single Phase/ 1 $\phi$ / 220V	Three Phase/ 3 $\phi$ / 380V	Three Phase/ 3 $\phi$ / 380V
Time Range	0.009sec ~ 5sec		0.001sec~10sec
mAs Range	0.5~600mAs		0.1~1200mAs
Anatomical Programmable Radiography	168 Step		

### X-ray Tube

	EVA-HF525	EVA-HF750(500mA)	EVA-HF750(700mA)
Tube	E7239X	E7252X	E7252X
Focal Spot	1.0mm~2.0mm	0.6mm~1.2mm	
Frequency (Anode Speed)	50Hz/60Hz 2700rpm/3200rpm		50Hz/60Hz/180Hz 2700rpm/3200rpm/9700rpm
Anode Heat Capacity	140kHU	300kHU	
Target angle	16°	12°	
Tube Rotating	±90°		
Filtration	3.2mm Al Equivalent		
Cooling Method	Natural or forced air		

### Tube Stand

Longitudinal Travel	194cm
Vertical Travel	65-172cm
X-ray Tube rotation	±90°
Transverse Tube Travel	±30cm
Movement arrested by <b>Electromagnetic brakes</b>	

### Patient Table

Forward-Backward movement	±200mm
Left-Right movement	±600mm
Table Dimension	2000mm x 740mm
Table Top to Film distance	78mm
4-way movement table	

\* *Technical specification can be changed without notification.*

## STANDARD COMPOSITION

### X-Ray radiography device

- ✧ X-RAY TUBE
- ✧ TUBE STAND
- ✧ HANDLE BAR
- ✧ COLLIMATOR
- ✧ TABLE
- ✧ RAIL
- ✧ CONSOLE DISPLAY
- ✧ CONTROLLER

✧ HIGH TRANS

### Option

- ✧ CEILING (Ceiling support)
- ✧ BUCKY STAND (Ground support)
- ✧ PSU
- ✧ STAND (Ceiling support)
- ✧ A.E.C (Auto Exposure Control)

**The others** –User Manual

## PACKING DIMENSION

### EVA-HF525

Dimension : 257 X 107 X 95

Net Weight : 400kg

Gross Weight : 530kg

*\*Standard Export wooden Packing*

### Bucky Stand

Dimension : 222 X 85 X 98

Net Weight :110kg

Gross Weight : 210kg

## OUTER DIMENSION

