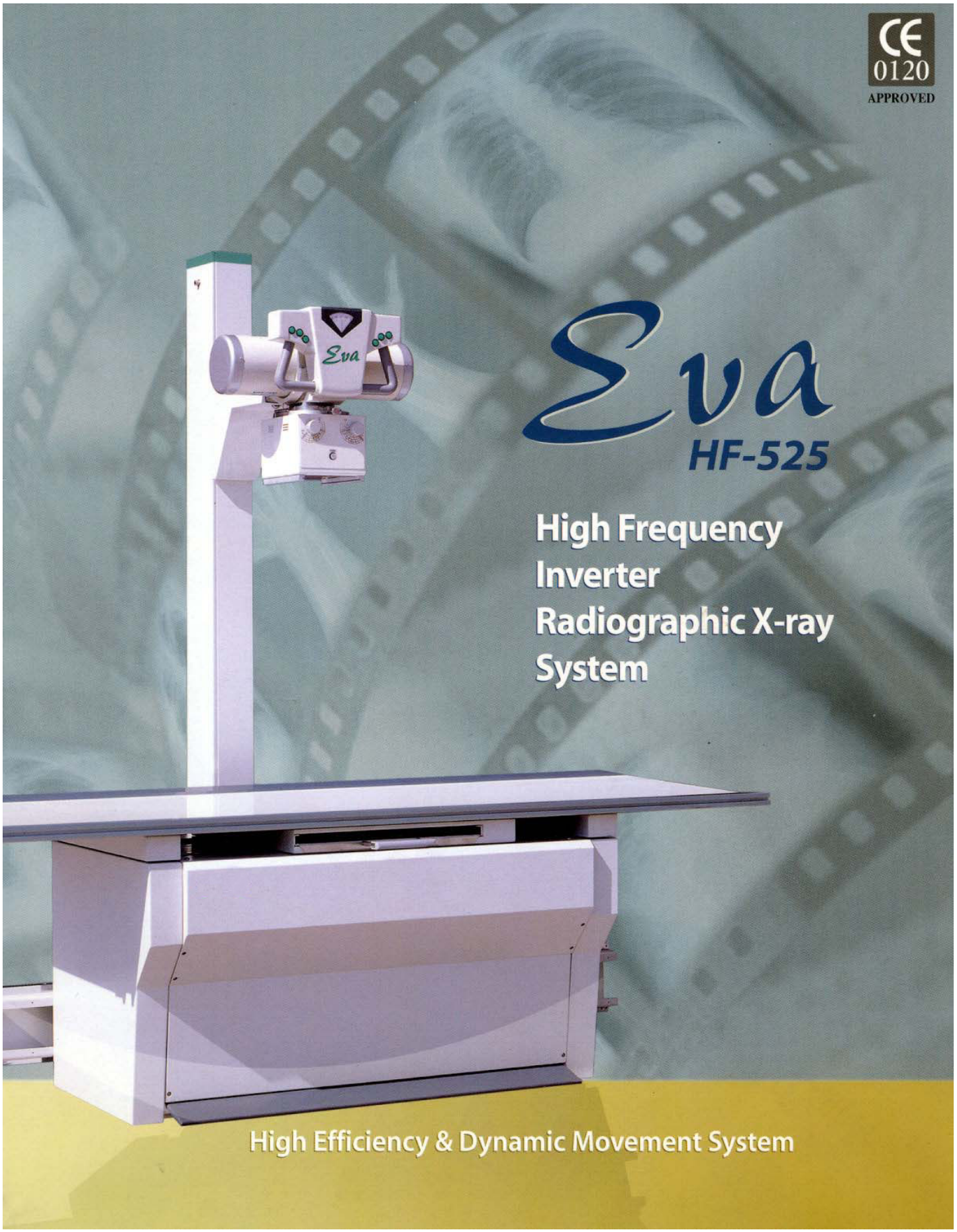
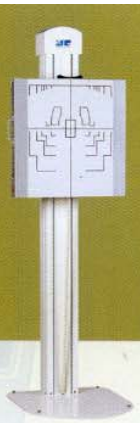
CE 0120
APPROVED



Eva
HF-525

High Frequency Inverter Radiographic X-ray System

High Efficiency & Dynamic Movement System

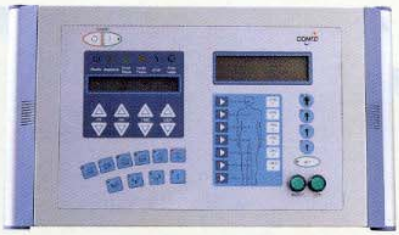


Innovative, Compact and Powerful

Since ACOMA X-ray days,
The Technology continues over 45 years in our hands...

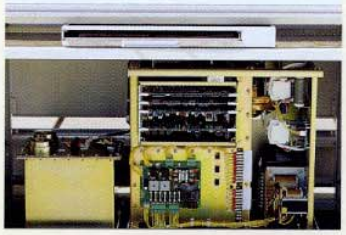
Simple Design for User Convenience

- **Machine with Compact size**
  One-body design to X-ray controller includes HV Generator inside of 4 Way floating table which you can install the system in the limited space.
- **Multiple Microprocessor**
  Controlled by multiple microprocessor assuring consistent and repeated X-ray operation.
- **Display Panel with LCD**
  Ideal combination with icons for value display clearly.
- **Radiographic condition in basic setup**
  APR function is implemented in the main software, and users can program their own ideas into the software setup.
- **Long Distance control**
  Connected communication lines allow enough range of movement along the tube stand rail and various rotation mobility on tube head enables us to easy positioning to target body part.



Powerful Invert Generators

- **Strong Generator**
  High frequency inverter radiographic system with versatility and performance can make excellence through whole parts of body.



- **Programmable User Control**
  The system in under control by microprocessor program that shows the best efficiency as a circuit integrated system.
- **Analysis**
  Self-diagnosis equipped with closed loop for X-ray tube current as well as kVp minimizes potential errors.
- **Superior Imaging with**
  Expanded Dynamic Range to Shorter Exposure time with less radiation dose

Automatic Film Processor (Option)

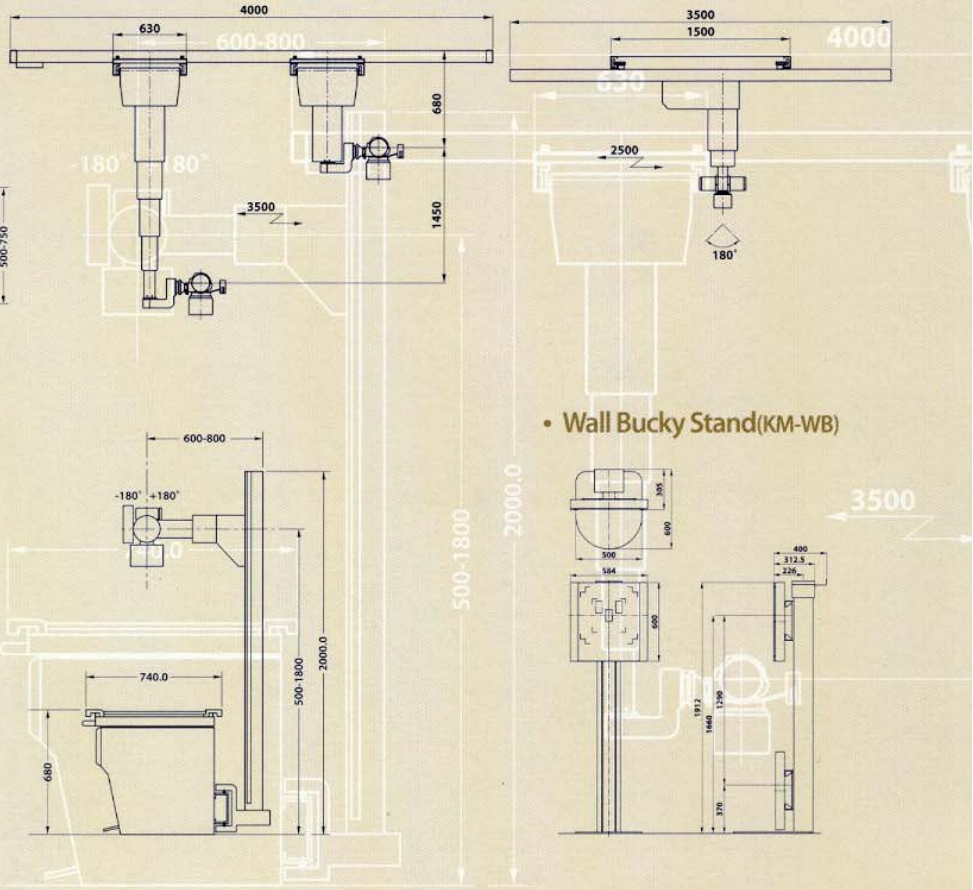
Fast, High Quality with 90 seconds processing time.

Processing time (sec)	90, 120, 180, 210, 240		
Fim size (cm)	10 x 10 ~ 35 x 43 (4" x 4" ~ 14" x 17")		
Tank Volume (*l*)	Developer	Fixer	Washer
	3.9	1.8	1.4
Replenishing Tanks	Developer	Fixer	Washer
	25	25	25
Circulation mode	Developer, Fixer Circulation Pump		
Developer solution Temperature	Tank, Drying Temperature controlled automatically		
Replenishment	Performed automatically when film is inserted for processing		
Dimensions (mm)	610 x 900 x 450 (W x D x H)		
Power consumption	1.25kW		
Power requirement	220VAC 50/60Hz		
Weight	43kg		

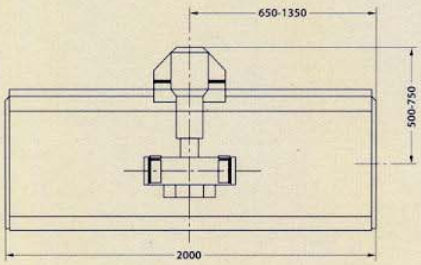
• Model : MAX-2060

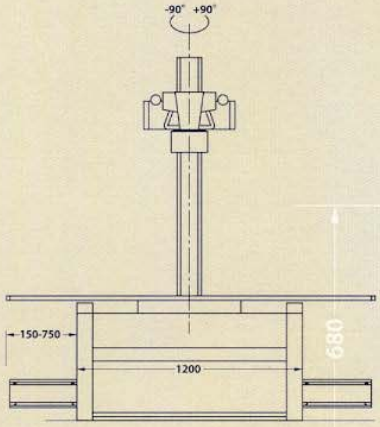
Dimensions

• Ceiling Suspended (KM-CS)



• EVA-HF 525





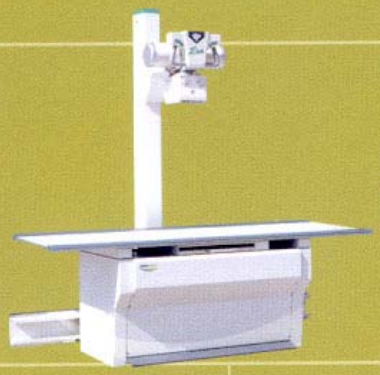
• Wall Bucky Stand(KM-WB)

APUS, the compact & smart Podiatric X-ray unit

The model APUS has been designed for special podiatric application to feet, ankles and knees. It brings you valuable positioning mechanism for convenient X-ray exposure that is being originated by High Frequency Inverter.

Features

- Simple, helpful and flexible design for complete podiatric applications
- Extra strength of X-ray by High Frequency output
- Equipped with new remote control function
- Flat touch panel & digital display
- Built-in halogen collimator with laser pointer
- Economic price for medical practitioners
- Ultra-light weight and compact size
- Scale tape for SID measurement
- X-ray output : 15mA / 80kVp
- Generator : 70kHz, HF Inverter type
- kV range : 50 ~ 80kV / 1 kV step
- mAs range : 0.3 ~ 30mAs, 31steps
- PROM APR memories for 6 selections of L.M.S size each (Total 18 memories)
- Power requirement : 110/220VAC, 50/60Hz single phase



HF525 Configuration & Brief Technical Spec Chart.

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Category\Range	300mA	500mA	700mA	
Generator (Microprocessor-controlled inverter X-ray Generator : 40kHz)				
Constant Potential kW Ratings	37.5kW	40kW or 50kW	50kW	80kW
KVp Range in 1kV steps	40 to 125	40 to 125	40 to 150	40 to 150
mAs Range	0.025 to 600		0.025 to 650	0.025 to 810
Exposure Time Range	0.001 ~ 5 sec			
mA Range	25 to 300	25 to 500	50 to 700	50 to 1000
Collimator	Manual with electronic Timer & Meter (max 150kVp)			
Anatomical Programmer	168			
Line voltage range and phases	230VAC 50/60Hz single phase	230VAC 50/60Hz single phase OR 380VAC 50/60Hz three phase	380VAC 50/60Hz three phase	
AEC	Option (Ion Chamber & AEC controller)			
High Speed Rotor	N.A	Option	Option	
X-ray Tube (Rotating anode)				
Focal Spot (mm	1.0/2.0	1.0/2.0 OR 0.6/1.2	0.6/1.2	
KHU / kVp	140/125	140/125 OR 300/150	300/150	
Target Angle	16°			
Ceiling Suspension	Option			
General				
Max size of cassette	14" x 17"			
Indicator	LCD, programmable APR			
PSU (Power Supply Unit	Option (for general AC source use)		N.A	
Weight & Dimension	Main Carton : 550kg, 256 x 16 x92cm			
	Wall Bucky Stand : 180kg, 206 x 76 x 87cm			

- Above configuration and technical ratings can be changed without pre-notice.
- The weight and dimension of systems are for standard configuration only.
- High Speed Rotor option is available with 50kW and 300kHU tube. (140kHU is not supported)