

Orange Portable X-ray



▲ Orange 8016HF

▲ Orange 10040HF

ORANGE Series is a Vet device and radiological machine for Veterinary use.

As a reliable manufacturer, Econet Medical is offering the historical technology through ACOMA (Japan) portable X-ray philosophy - Small & Light with Power - in the orange body where you will find sharp and extraordinary performance with pictures.

Orange 8016HF provides excellent user convenience for equine fields where they require a light and strong unit. It includes a slide control type

collimator which is World-First idea for the lightest portable X-ray in that range of 15-16mA. **Orange 10040HF** shows outstanding radiation power 40mA with 100kV maximum through the small orange box. The model 10040HF includes strong mono tank (High Frequency Generator) that gives tremendous High Voltage output for fine X-ray imaging.



※ Dual Laser Beam Targeting

66cm

■ Specifications of Orange Series

Model Name		8016HF	10040HF
Output	Adjustable tube Voltage	40~80kV (1kV step)	40kV~100kV (1kV Step)
	mAs range	0.32 ~ 30mAs	0.32 ~ 100mAs
	Max output power	1.2kW@80kV, 16mA	2.4kW@80kV, 40mA
	Deviation	kV : +/-5%, mAs : +/- 10%	
X-ray tube	Focal spot	1.0mm	1.2mm
	Anode heat storage capacity	7,000HU	50,000HU
	Anode heat dissipation	41W (55HU/s)	250W (350HU/s)
Collimator	SID (Targetting)	66cm (Dual Laser beam application)	
HV generator	Output	10mA (40kV - 50kV/25mAs)	40mA (40kV - 60kV/64mAs)
		16mA (51kV - 60kV/20mAs)	35mA (40kV - 60kV/100mAs)
		15mA (51kV - 60kV/30mAs)	30mA (61kV - 70kV/100mAs)
		15mA (61kV - 70kV/25mAs)	30mA (71kV - 80kV/50mAs)
		15mA (61kV - 70kV/25mAs)	26mA (71kV - 80kV/80mAs)
		15mA (71kV - 80kV/20mAs)	26mA (81kV - 90kV/50mAs)
HF Inverter	High Frequency Inverter type		
	Display	1) kV, mA 7 segment LEDx3 digits	2) Ready, X-ray, Wait, Error LED
Operation panel	Operation Switch	1) kV UP-DOWN 2) mAs UP-DOWN 3) Collimator Lamp ON 4) Laser pointer ON	
		5) Display Reverse 6) APR Selection x 16 7) Save	
Net Weight		6.2kg	11.5kg

※ The rating chart can be different from the spec data in 110VAC power condition.



PORTABLE X-RAY SYSTEM

Orange 10040HF

- Medical Package -



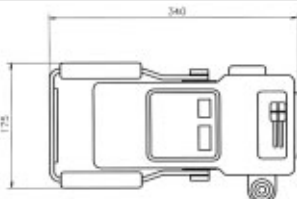
ORANGE 10040HF portable medical X-ray unit is designed for use in private clinics, practices and hospitals or anywhere an x-ray system shall be brought to the patient. The customer who wants stronger power will choose 10040HF. The image of chest skull, abdomen, and extremities are available with short exposure times. For maximum power, Orange 10040HF portable X-ray is the unit of choice to you.

- mAs range : 0.32 ~100mAs
- HV generator output
 - 60kV/40mA, 80kV/30mA,100kV/20mA @ 200V input
 - 50kV/40mA, 80kV/26mA,100kV/20mA @ 120V input
- Display
 - 1) kV, mA 7 segment LED x 3 digits
 - 2) Ready, X-ray, wait, Error LED.
- Operation S/W

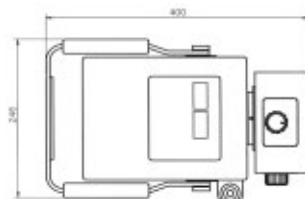
1) kV UP-DOWN	2) mAs UP-DOWN	3) Collimator Lamp ON
4) Laser pointer ON	5) Display Reverse	6) APR selection x 16
7) Save		
- Light weight : 11.5Kg
- Strong and tiny carrying case
- Dual Laser Beam (Standard feature)
- 16APR capability
- Powerful Performance 40mA /100kV

High Frequency Inverter Control System		
HV. Generator	Adjustable Tube Voltage mAs Range Max output power Deviation	40kV~100kV (1kV Step) 0.32mAs - 100mAs 2.4kW @80kV input AC200V/110V kV : +/- 5%, mAs : +/- 10%
X-Ray tube	Focal spot Anode heat storage capacity Anode heat Dissipation Max. Tube Voltage/Current	1.2mm 50 KHU (Toshiba D-125S) 250W (350HU/s) More than 100kV/40mA
Collimator	Max. SID	2m

Dimension



◀ Orange 8016HF



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