

# PORTABLE VET. X-RAY SYSTEMS

**iMed.**  
Inspire Your Mind

**iMEM-  
HD3  
CAMERA  
VET. X-Ray**



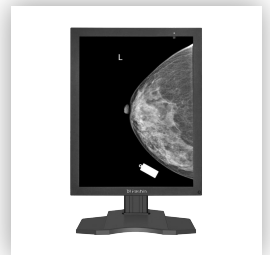
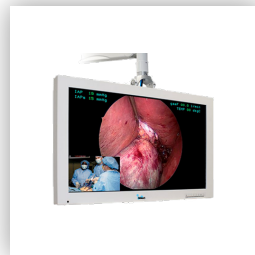
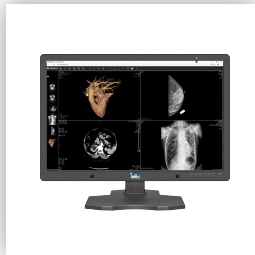
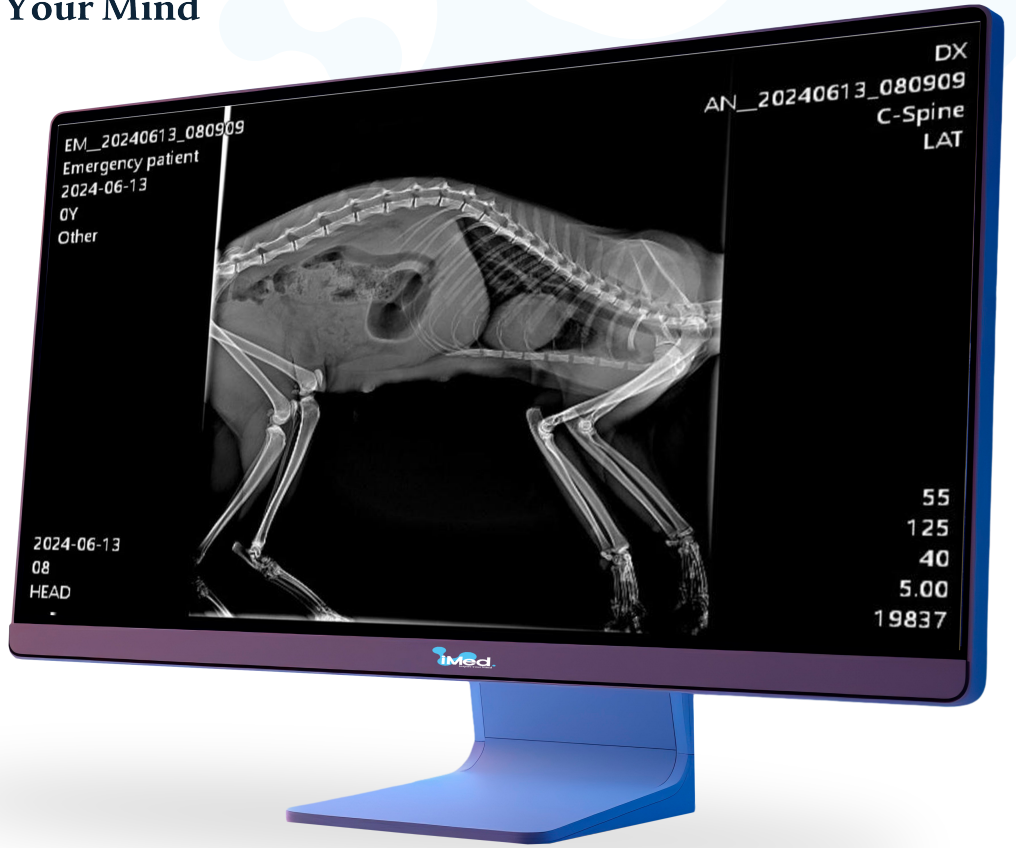
[www.imed-inc.com](http://www.imed-inc.com)

 **MADE IN TURKEY**



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# iMEM-HD3

## Handheld X-Ray Source

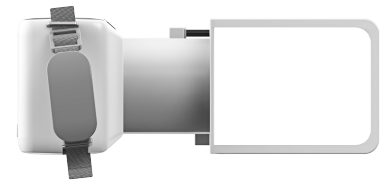
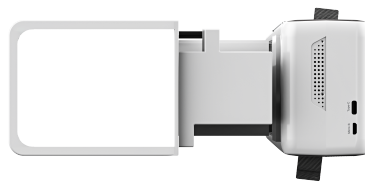
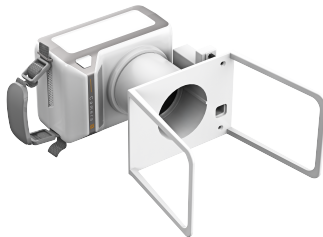


Compact and Portable

Remote Exposure Control

Ultra long battery life, capable of over 200 exposure on a single charge

Lightweight, weighting less than 1.4kg, for easy one-hand operation



### Product Composition

iMEM-HD3 consists of controlling system, high voltage module, energy storage unit and charger.

### Typical Application

iMEM-HD3 is mainly applied to used in handheld, wall-mounted or dental machine.

### Feature

1. 1kg handheld dental X-ray machine, Compact, high power density and one hand operation
2. Up to 200 exposures with single charge
3. High-rate, large capacity lithium battery pack and low power consumption, long battery life
4. Support wireless communication and exposure

### Application

Handheld, stand-mounted film machine



# CAMERA X-RAY

Product Name		HD High Frequency X-ray Source
Type		X-ray Source
Working Frequency		40kHz
Input	Voltage Range	12VDC~16.8VDC
Output	Max Power	210W
	Nominal Power	210W
	kV Range	40kV ~70kV
	kV Ripple	±3%
	kV Rising Time	≤10ms@ 70kV (10%~ 90%)
	Accuracy of Exposure kV	±2%
	mA Range	1mA~3mA
	mA Rising Time	≤10ms@ 3mA (10%~ 90%)
	Accuracy of Exposure Tube Current	Max:±(2% or 0.2mA)@ 10ms
	Exposure Time Range	5~3600ms
	Accuracy of Exposure Time	Max:±(2% or 2ms)
Function	Technique Selection	1. kV-mA-ms 2.kV-mAs
	Dual Energy	Yes (Optional)
	Service Software	Yes
Performance of MBK	Tube Model	CT11-0.4-70 / KL11-0.4-70 / XD10DF
	Focal Spot	0.4mm
	Heat Storage Capacity	4.5kJ
	AnodeDisk Target Angle	12°
Communication		RS232/CAN/WIFI
Safety Requirements	Grounding Resistance	≤100mΩ
	Insulation Voltage	2250VAC 10mA/1min
	Earth Leakage Current	≤2mA
	Cooling System	Natural air cooling
	Operating Temperature	0°~40°
	Relative Humidity	10%~90% Non-Condensation
Appearance	Size (W*D*H)	130mm*89mm*70mm
	Weight	



# CONTACT

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