



MAGNUS Dx

RETROFIT - MOBILE DIGITAL RADIOGRAPHY SOLUTION



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INTRODUCING

MAGNUS Dx

RETROFIT - MOBILE DIGITAL RADIOGRAPHY SOLUTION

A cutting edge mobile digital radiography solution designed for high-frequency X-ray imaging.

Built on the robust Vertex Vega Series platform, this compact and lightweight machine excels in environments where mobility and immediate imaging are crucial, such as trauma cases and bedside X-rays in hospital wards and ICUs.

Its streamlined design allows for effortless transport through elevators, ensuring that healthcare professionals can provide timely and efficient care wherever it's needed.

Upgrade your medical imaging capabilities with the **MAGNUS MOBILE DR** and experience the perfect blend of convenience and performance.

- **Anti-theft DR panel locking Facility**
- **High frequency generator output.**
- **Inbuilt AVR (180–280V AC input)**
- **HMI interface with APR.**
- **Error detection (kv, mA & over load)**
- **Smart 14.5" capacitive touch screen panel for better image processing.**

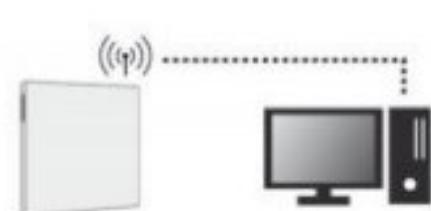


DR FLAT PANEL OVERVIEW

FEATURES OF FLAT PANEL DETECTOR	
PARAMETER	SPECIFIC VALUE
Dimension (ISO 4090)	460 x 460 x 15 mm (17" x 17")
Sensor array	a-Si photodiode
Scintillator	CsI / GOS
Resolution	3072 x3072
Pixel size	140 um
Grayscale	16 bit
Wifi	802.11ac / 2 antennas / 2s scan to display / AP mode
Drop height	70 cm
Housing material	Mg-Al alloy
Weight (battery included)	3.2 kg
Waterproof	IPX6
Durability (Face load / Point load)	300 / 120kg
Battery autonomy	8 hours *
Trigger mode	AED mode
Log file	Log file, sensor data and other calibration data are available
Accessories	Battery / Magnetic connector cable with ethernet and power
Operation temperature / Humidity	10 ~ 35 °C / 15 ~ 80%
*In SYNC mode, user can capture more than 1,000 images at every 30 seconds and lasting over 8 hours.	
*The specifications described above are based on a full battery charge and may vary depending on system configuration and environment.	
*Storage Capacity upto 200 images.	
**Stitching Software & Hardware – Optional	

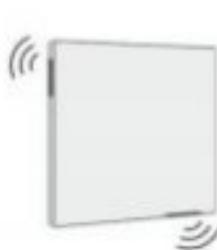


ACCESS POINT MODE



The wireless system has the capability to operate in access mode, when the environment calls for a direct sensor to computer wireless connection.

*Wired & Wireless, both options available

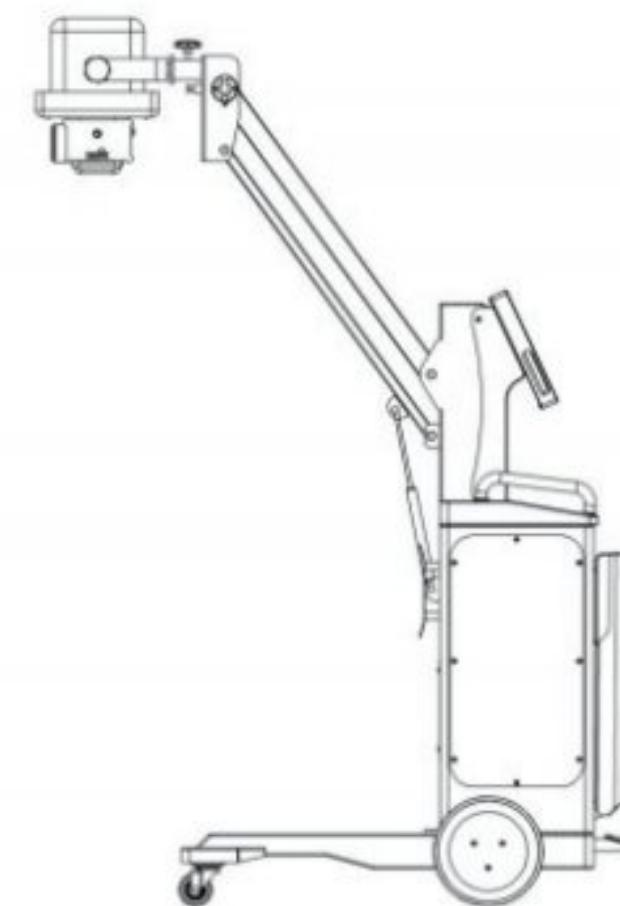
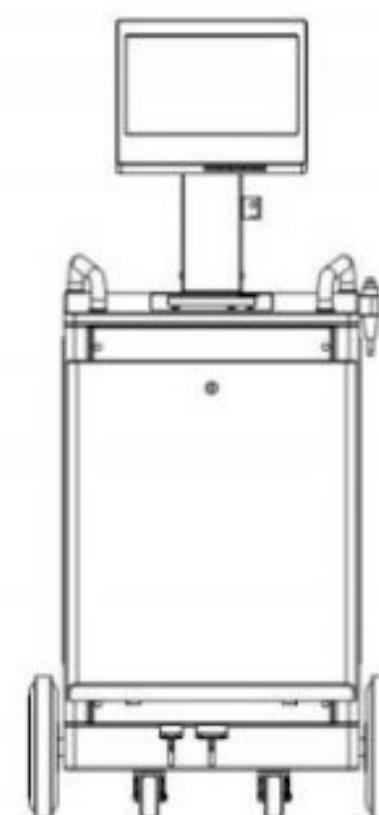
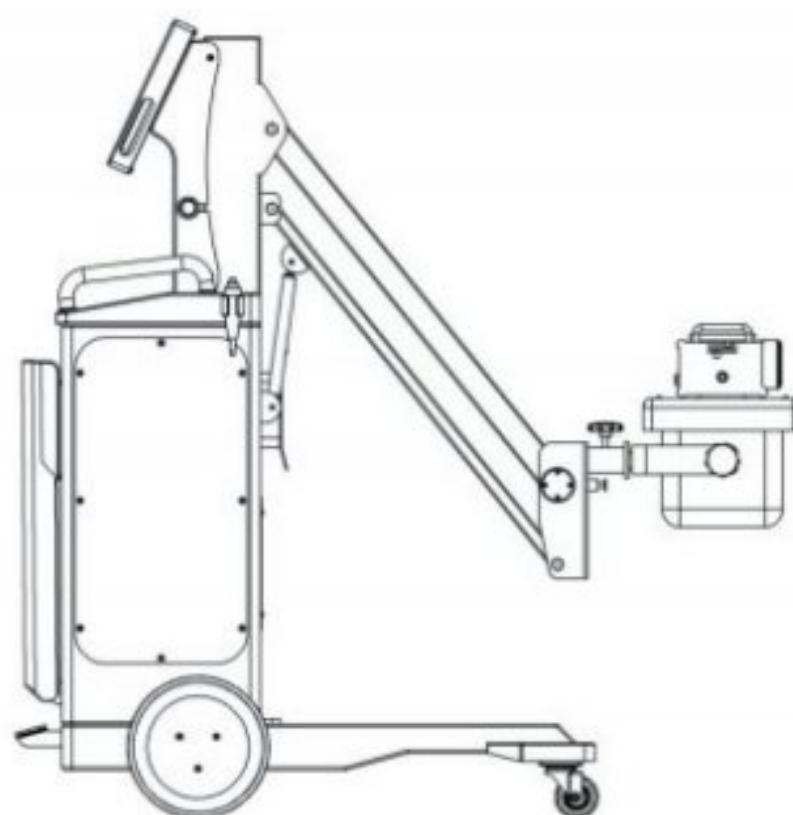


TRANSFER IN A FLASH

The detector features a specialised antenna design maximising the bandwidth that 802.11ac allows, which results in raw image transfer speed within two seconds.

TECHNICAL PARAMETERS

MODEL	VEGA-4.0	VEGA-7.0	INX-100
Series	Magnus-DX		
X-Ray Generator	High Frequency		Line Frequency
KW Rating	4	7	8
Max. kV	110	120	100
mA	100	150	100
Focal Spot	2.0mm	2.0 mm	2.8mm
Tube Anode	Stationary	Stationary	Stationary
Power Requirement	1Φ/230 VAC ±10%		
	5KVA	8.75KVA	10KVA



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AERB, BIS, ISO 13485:2016, ISO 9001: 2015