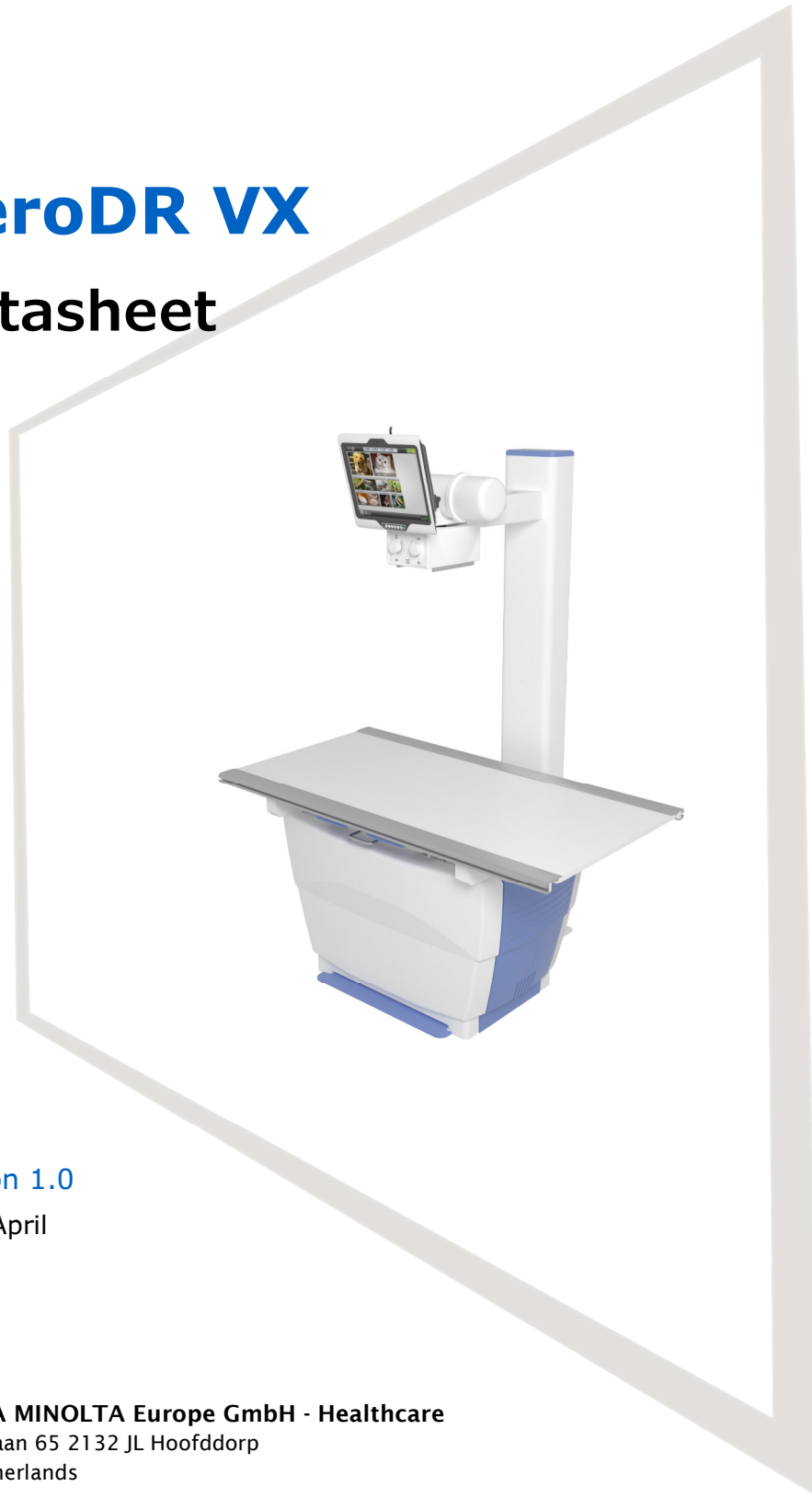


AeroDR VX

Datasheet



Version 1.0
2024 April

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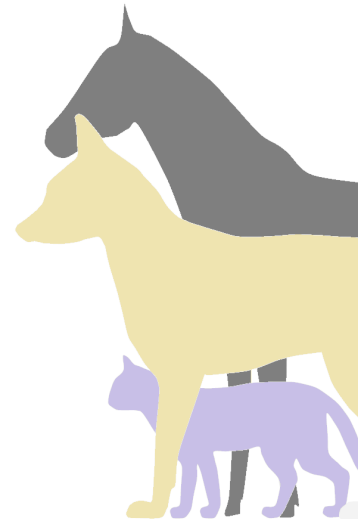
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PRODUCT OVERVIEW

AeroDR VX is an x-ray digital system, designed specifically for veterinary purposes using medical technology. This model contains the highest performance available in the market. It has powerful high frequency generator with 32 kW power. It includes an APR-Single Touch console, a workflow feature which enable the x-raying of any kind of animal in few steps

Product brochure →



Fixed Height VET Table

- Floating table top - four ways - Positioning Locks
- High stiffness Table-top, impact and scratch resistant – 95kg load
- Extremely robust table base, resistant to scratches and impacts.
- Pedal on the table base - electromagnetic locks / collimator light
- Table-top adsorbtion: <1 mm Al equivalent.
- Table Height: 76.5 cm
- Table-top travels: Longitudinal ($\pm 27,5$ cm) / Transversal ($\pm 7,5$ cm)
- Cassette tray compatible up to 43 x 43cm. any orientation
- Anti-Scatter Grid

GENERATOR

Power	32 kW
KvP	40-150
mAs	0.1-630
mA	10-400
Xray Tube	Rotating Anode (1.0/2.0mm)
Time	0.001 - 10 sec
Power input	Line Powered / Capacitor Assited

XRAY TUBE

E7239X is standard, E7965X is optional.

E7239X	140 KHU	1.0/2.0	16°
E7865X*	140 KHU	0.3/1.0	12°

COLLIMATOR



R-108 Manual
Fixed



R-221 Medical grade
+rotating



R-221 Medical grade
+rotating
+red laser

SOFTWARE – IMAGEPILOT

AeroDR VX is not integrated. It can be retrofitted with ImagePilot console software.

ImagePilot enables total management of patient and image information from registration to image confirmation, providing a more comfortable and efficient imaging environment.

ImagePilot software is all-in-one solution with below features:

- Acquisition console
- Workstation software
- Storage device
- Mini-pacs functionality is ideal for small clinics who do not have budget for a big pacs solution. With mini-pacs features small internal own pacs can be created. Different users can connect to ImagePilot server and they can work on images as needed.
- External modalities can send images to ImagePilot server for storage and backup purposes.
- Images can be imported or exported in different formats.
- Dicom print and windows print on paper features are available.

Below is the list of features and optional softwares with ImagePilot software:

Realism is the core of Konica Minolta image processing algorithm increasing the image quality.

***Mini-pacs** features increase the workflow in the clinic/hospital.

***Orthopedic measurement tools** helps before and after the orthopedic procedures.

***Reporting tool** helps to write reports for images.

***NAS backup** feature helps to get a backup of the system for unwanted cases.

***QC tool** can be used to check system is functioning properly or not.

FLAT PANEL DETECTORS

System can work below detectors.

AeroDR NS	14x17 size, Economical
AeroDR3 SL 1417	Glass-free, Lightest weight 1.8 kg, Full charge in 15 mins. Very robust Carbon SMS cover, long lasting anti-bacterial
AeroDR3 HL 1717	Glass-free, Lightest weight 1.9 kg, Full charge in 30 mins. Very robust Carbon SMS cover, long lasting anti-bacterial
AeroDR3 HD 1012	Very robust small size detector, 100 µm

AeroDR NS

Scintillator	CSI
Pixel size	150 µm
DQE	%40 (1lp/mm)
Pixel matrix	2304 x 2800 (14x17)
Battery Performance	210 images / 5.9 h
Charging time (empty to full)	3 hrs
Weight	3.6 kg with battery

AeroDR3 SL 1417

Scintillator	Glass-free + CSI
Pixel size	100 µm (200 µm can be selected)
DQE	%59 (1cycle/mm) / %72 (0cycle/mm)
Pixel matrix	3488 x 4256 (14x17)
Exterior Surface	Carbon SMS - Antibacterial - Long Lasting
Battery Performance	147 images / 4.1 h
Surface load capacity - distibuted	400 kg
Durability	MIL-STD-810G Military dropped test
Water resistance	IPx6
Charging time (empty to full)	15 mins
Weight	1.8 kg with battery

AeroDR3 HD2 1717

Pixel size	100 µm (200 µm can be selected)
DQE	%56 (1cycle/mm) / %72 (0cycle/mm)
Pixel matrix	4248 x 4248 (17x17)
Dynamic imaging with Wireless	Yes
Exterior Surface	Carbon SMS - Antibacterial - Long Lasting
Surface load capacity - distibuted	400 kg
Surface load capacity - point load	180 kg
Durability	MIL-STD-810G Military dropped test
Water resistance	IPx6
Charging time (empty to full)	30 mins
Weight	3.2 kg with battery

AeroDR3 HD 1012

Pixel size	100 µm (200 µm can be selected)
DQE	%56 (1cycle/mm) / %72 (0cycle/mm)
Pixel matrix	2456 x 2968
Surface load capacity - distibuted	400 kg
Surface load capacity - point load	180 kg
Durability	MIL-STD-810G Military dropped test
Water resistance	IPx6
Charging time (empty to full)	30 mins
Weight	1.5 kg with battery