



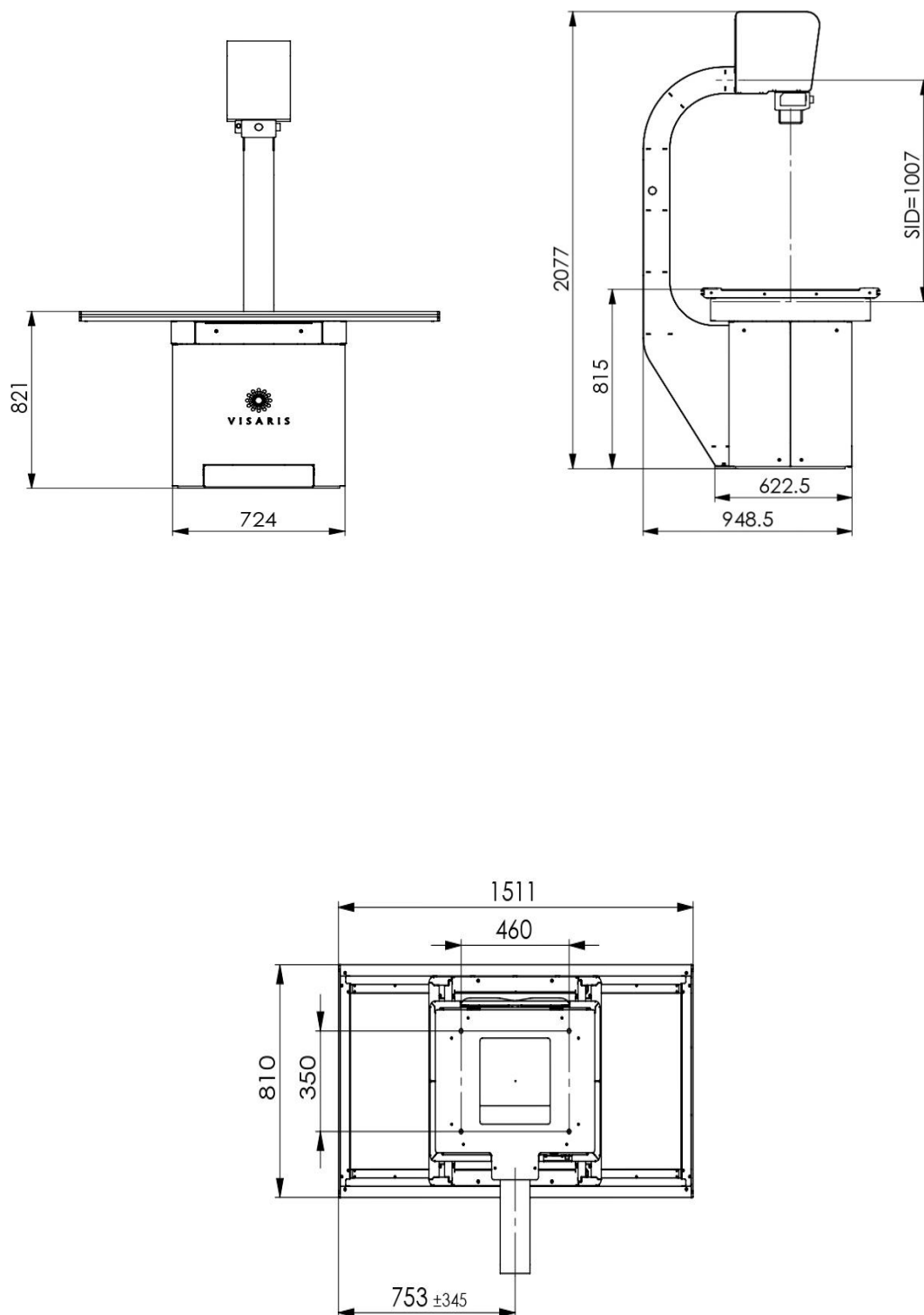
V2.0 August 2026

Vision Vet **Sales Book**

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REVISION HISTORY

Issue	Date	Author	Nature of modifications
1.0	August 2021	FR	New design, updated text
2.0	August 2026	NP	Revise whole document



VISION VET - CONFIGURATION

Vision Vet is the universal digital X-ray system for radiography application in veterinary medicine. With a compact veterinary stand with floating tabletop and integrated X-ray source stand, it enables simple, comfortable and above all safe approach for both the animal and the operator. It is used for all kinds of radiographic exams of small animals. By its design and technical characteristics it complies with all the technical standards.

Vet stand – technical characteristics	
Fixation method	Fixed to the floor
Tabletop dimensions	1531 x 807 mm
Tabletop height	815 mm
Fixed SID	1007 mm
Floating Longitudinal range	±350mm
Floating Transversal range	±85mm
Max. Patient weight	150 kg
Foot switch exposition	✓
Electromagnetic brake	✓
Tray for 43x43 fixed detector	✓
Tray for 43x43 cassette size wireless detector	Optional
X-ray grid, Al, 215 lpi, 10:1	Optional



X-ray source – standard configuration - technical characteristics	
Brand and model	Ecotron EPX-F 3200
Max. Output (KW)	3.2
Anode Heat Capacity (kHU)	40
Max. mA	60
mAs Range/No. of step	80 - 300 kHz
Exposure voltage range in 1 kV steps	40 – 100 kV
Max. Cooling Speed (HU/s)	~ 380
Tube Focal spot (mm)	2.0 x 2.0
Total Filtration	3.3 mm Al eq. @ 75 kV Tube: 0.8 mm Al Collimator: 0.5 mm Al Filter: 2.0 mm Al
Target Angle	20°
Integrated Manual Collimator	✓
Max. X-ray Field Size	43cm x 43cm @ 100cm SID
Lamp	LED 3.0V, 3A, 10W
Timer	30 sec timer
Weight (kg)	13
Power Supply Single Phase	100V–120V or 200V-240V / 50/60 Hz



X-ray source – High performance configuration – technical characteristics	
Generator Powersite PSG-HR32	
Generator power	32kW
Number of phases	Single phase
Frequency	80 - 300 kHz
Exposure voltage range in 1 kV steps	40 – 150 kV
High speed starter	✓
Regulation range mA	10 – 400 mA
Regulation range mAs	0.1 – 320 mAs
Time of exposure	1 – 10.000 ms
Dual AEC operation (in table and wall stand buckies)	✓
X-ray tube Varex RAD-12/Leo	
Dual focus rotating anode	1.0 / 2.0 mm
Nominal voltage	40 - 125 kV
Anode heat capacity	140 kHU
Collimator	
Manual LED collimator	✓



Avanse acquisition and imaging workstation	
High performance PC Multi core processor	✓
Multi core processor	Min. i5
Hard disk drive	1 TB
Full HD LCD monitor	23"
Additional LCD monitor on vet stand column	Optional
DVD RW for export of images in DICOM format	✓
Operating system	Windows 11
DICOM 3.0 MWL SCU import of modality worklists	✓
DICOM 3.0 Store SCU export to PACS	✓
DICOM 3.0 Print SCU print to DICOM printer	✓
DICOM 3.0 Query, Retrieve, MPPS, Storage commitment	
Tools for image processing: zoom, contrast, brightness, rotate, flip, inverse, magnification	✓
Algorithm for automatic harmonization	✓
Advanced tools for image processing with enhanced visualization of bones and soft tissues	✓
Integration with PACS and RIS enabled	✓
Image printing on paper or film	✓
Image archival and export in DICOM format	✓
Image publishing on CD/DVD media in DICOM format with free DICOM viewer	✓
Touchscreen Console Monitor (Optional)	
EIZO 24" color touchscreen monitor	☐

Digital flat panel detectors		
Receptor type/Scintillator	Amorphous silicium/CsI	
Fixed detector options		
Brand Model	Varex LUMEN RAD 4343W	
Insert quantity		
Connectivity	Wired/Wireless	
Active area (mm)	421 x 421	
Active area (pixels)	3032 x 3032	
Pixel pitch (µm)	139	
Spatial resolution (lp/mm)	3.6	
DQE @ 0 lp/mm	73 %	
DQE @ 0.5 lp/mm	/	
DQE @ 1 lp/mm	58 %	
MTF @ 1 lp/mm	62 %	
MTF @ 2 lp/mm	32 %	
MTF @ 3 lp/mm	17 %	
AD conversion	16 bit	
Ingress protection	IP68	
Detector dimensions (mm)	460 × 460 × 15	
Weight (with battery)	3.43 kg	
Battery autonomy (h)	8 / 1600 images	
Point load (at 40 mm diameter point)	150 kg	
Distributed load	300 kg	
Inductive charging	✓	
Handle for easy handling	✓	
Gyroscopes	✓	
Wireless detector options		
Brand Model	iRay Mars 1717V version 3	iRay Mars 1717X
Insert quantity		
Connectivity	Wired/Wireless	Wired/Wireless
Active area (mm)	427 x 427	430 x 430
Active matrix (pixels)	3072 x 3072	4267 x 4267
Pixel pitch (µm)	139	100
Spatial resolution (lp/mm)	3.6	4.3
DQE @ 0 lp/mm	66 %	73.4 %
DQE @ 0.5 lp/mm	57 %	65.8 %
DQE @ 1 lp/mm	48 %	55.9 %
MTF @ 1 lp/mm	70 %	70 %

<i>MTF @ 2 lp/mm</i>	43 %	40.4 %
<i>MTF @ 3 lp/mm</i>	24 %	22.8 %
<i>AD conversion</i>	16 bit	16 bit
<i>Ingress protection</i>	IPX1	IP56
<i>Detector dimensions (mm)</i>	460 x 460 x 15.4	460 x 460 x 15
<i>Weight (with battery)</i>	4.6 kg	3.4 kg
<i>Battery autonomy (h)</i>	5	8
<i>Point load (at 40 mm diameter point)</i>	100 kg	150 kg
<i>Distributed load</i>	150 kg	300 kg
<i>Magnetic charging interface</i>	/	✓

Dose-Area-Product (DAP) Meter (Optional) ☐

IBA Kermax

Digital readout into system console	✓
Equivalent filtration	0.2mm Al
Light transparency	>75%
Resolution	0.1 μ Gym=1 mGycm ² , 0.01
Accuracy	25%
kV range	40 – 150





Sales Book VISION VET



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