

ZODIAC 1700

A 17" x 17" Flat Panel Detector for
Veterinarian Digital Radiography

A DR detector for
upgrading existing film-based or
CCD imaging systems.



**Go digital today,
realize the benefits tomorrow!**

- Excellent image quality
- Immediate image acquisition
- Efficient electronic storage
- Image manipulation and enhancement

Universal
Keeping Promises for Over Eighty Years.

ZODIAC 1700

Digital Detector



Detector Technical Specifications

Technology	Amorphous Silicon (a-Si) with a cesium iodide scintillator over a Thin Film Transistor (TFT) array	
Imaging Area	17 x 17 inch (43 x 43 cm)	
Active Pixel Matrix	3,000 x 3,000	
Image Resolution	3.5 lp/mm	
Pixel Pitch	143 µm	
Fill Factor	65%	
Scan Method	Progressive	
A/D Conversion	14-bits	
Energy Range	40 - 120 kVp	
Data Acquisition Time	3.5 sec.	
Data Output	Gigabit Ethernet	
MTF (RQA5)	1lp/mm: 64%	2lp/mm: 30%
	3lp/mm: 16%	3.5lp/mm: 12%
DQE (RQA5)	0.1lp/mm: 59%	1lp/mm: 54%
	2lp/mm: 35%	3lp/mm: 17%
	3.5lp/mm: 12%	

Mechanical

Size	19.7 (w) x 19.5 (l) x 1.7 (h) inch (50.0 (w) x 49.6 (l) x 4.4 (h) cm)
Weight	30 lbs. (13.5 kg)
Window Material	Carbon fiber plate
Environmental	
Operating Pressure	10.2 – 15.4 PSI
Storage Pressure	10.2 – 15.4 PSI
Operating Temperature Range	64.4 - 86°F (18 - 30°C)
Storage Temperature	-13 – 131°F (-25 to +55°C)

Manufacturer's Statement

- Specifications are subject to change without notice
- An ISO13485 & ISO9001 Certified Facility.

Diagnostics made simple with

VetView Aquisition Software



Animal information fields include breed code & registration

VetView Veterinary Software Features

- Integration of acquisition and review workstation together for comprehensive control of digital image acquisition
- Intuitive Windows-based, graphical user interface
- Anatomical programming designed for animals
- Comprehensive tools for image viewing, measurement and evaluation
- Adaptation of veterinary specified DICOM features in accordance with:
 - DICOM Storage SCU, DICOM Storage SCP
 - DICOM Storage Commitment SCU, Storage Commitment SCP
 - DICOM MPPS feature
 - DICOM Print feature
 - DICOM DIR

Hardware Specifications

- Core 2 Duo E8400/3.0GHz,6M,1333FSB
- 4GB,Non-ECC,800MHz DDR2
- 256MB ATI RADEON HD 3470 Graphics s w/ Dual Display Port
- 320GB SATA 3.0Gb/s and 8MB Data Burst Cache
- Windows XP PRO SP3
- CD-ROM or DVD-ROM Drive 16X DVD+/-RW SATA
- 20 inch LCD Monitor, Max Resolution 1600x1200 (VetView Software runs at 1280x1024)

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