

VET-X SYSTEMS

Digital Veterinary Systems and Solutions



Quantum
MEDICAL IMAGING

Innovations in Digital Veterinary Imaging.

Veterinary Digital Imaging Solutions

CR25.OL...CR (Computerized Radiography)

KEEP YOUR EXISTING X-RAY MACHINE AND BECOME DIGITAL!!

The veterinary practice that wants to make the quantum leap to digital imaging, while keeping its existing X-ray equipment, has the choice of going "CR" (Computed Radiography). Quantum's CR25.OL* system package is the perfect upgrade.

The CR25.OL unit is capable of three different resolution modes—Standard, High and Ultra-High resolution - for a wide range of exposures.

Scans up to 73 Plates per hour.

Closed system, no need to handle costly CR Imaging plates. Straight Feed Design, Imaging plates do not bend or deteriorate.

The exclusive Quantum/Agfa CR25.OL Package includes:

- CR 25 Single Plate Reader
- CR QS server with 17" flat panel monitor
- CR QS On-Line Image Processing Software with "MUSICA"TM
- CR QS ID software
- 2 CR 35 X 43 cassette/plate sets
- 2 CR 24 X 30 cassette/plate sets
- CR QS Dicom store/send and CR QS Dicom print.



Quantum/Agfa CR25.OL, shown with optional CR User Station, which provides space for workstation, Cassette ID functionality and cassette storage.



**The Quantum CR25.OL unit is made for Quantum Medical Imaging by Agfa Corporation. Agfa is one of the world's leading CR solution providers. The CR25.OL is the same exact product which is currently being used in thousands of medical imaging facilities worldwide.*

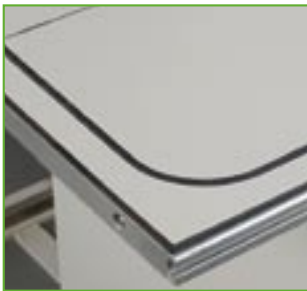
Veterinary Direct Digital Imaging System

Q-VET-DX...DR (Direct Radiography)

When considering a complete digital X-ray system, Quantum's advanced technology, which uses a CCD direct digital receptor, is the perfect solution. The Quantum Q-VET-DX system produces high resolution images in seconds, without the need for any cassettes, while allowing extremely high patient throughput. The system comes complete with a four-way float top table, a multi-motion tubestand and Quantum's state-of-the-art TechVision™ touch screen interface.

THE Q-VET-DX

It features a CCD Image Capture Device that boasts an image preview in six seconds. Software enables manipulation and extensive viewing capabilities.



Removable table top features a special "Uro-Track" design that makes for easy clean up of accidents

48" of longitudinal travel.



PREVIEW TOUCHSCREEN MONITOR AT TABLESIDE (OPTIONAL)

This option allows the operator to preview exam images right at tableside, in less than ten seconds, while still being on hand to provide patient comfort.



Digital imaging allows you to view and manipulate your images in a variety of ways.

Quantum Q-Vet-DX system shown with 4-way Float-Top Veterinary Table and optional Preview Touch Screen Monitor.

Tech[™]
Vision



Select species



Select anatomical view



Ready for exposure

TECHVISION™: A QUANTUM EXCLUSIVE

Quantum's TechVision is truly an innovation for the operator, who can now easily view and set up all technique parameters, as well as access set-up functions right at tube-side. The operator has complete control to adjust exposure parameters, just as if they were at the generator's Operator Control Panel.

TechVision Features:

- Multi-Color (16 Bit; 800 x 600 Pixel; 8.4" display) Touch screen
- Full Vet APR techniques (manual settings)

VET-PACX

Once you acquire your Digital Image, Quantum can provide the proper way to store and distribute your images safely and efficiently.

VET-PACXplus is an all-inclusive PACS System (Picture Archive and Communication System) and image display solution. It can receive Images from any Dicom modality, and it is capable of storing approx. 25,000 images. The system also features a automatic back up via CD, DVD or a removable hard drive, two LAN licenses for remote viewing within your facility, and a automatic method to create and label CD's .



**QUEST HF SERIES™
ULTRA HIGH FREQUENCY
X-RAY TECHNOLOGY...120 kHz**

The QUEST HF Series generator integrates revolutionary design with superb functionality and is designed for both digital and conventional imaging. The QUEST HF Series generator operates at a near-constant potential of up to 120 kHz - the highest in the industry. This level of high frequency power allows for lower kV techniques, which mean better image quality. It also translates into shorter exposure times; reducing the chance that patient motion might affect examinations.



STORED ENERGY (SE) GENERATORS

Quantum's advanced Stored Energy (SE) technology permits powerful operation using only a standard "low amperage" wall outlet or alternate power source. The SE's power cells are virtually maintenance-free and provide years of usage. These units are ideal in facilities where incoming power is unavailable.



Veterinary Radiographic Systems

Quantum's line of standard radiographic X-ray systems offers the same rugged construction and intelligent design as the Q-Vet *DX* system, without the digital applications.

VET-X SYSTEM 2

This system package is ideal for most veterinary environments and features Quantum's dependable QS-500 Series radiographic series tubestand, versatile 4-Way Enclosed Float Top Table, and a High Frequency Generator.

Quantum's QS-500 Series Tubestand:

- The tubestand features smooth, quiet travel and is easily positioned with the use of convenient operator handgrips.
- Fingertip controls permit easy access to multi-function lock release switches, including longitudinal, and vertical movements. An angulation display permits accurate portrayal of tube rotation. It also features LED indicators to verify the SID.
- Tubestand incorporates numerous protective features, such as the use of a FAILSAFE electromagnetic braking system, which ensures precise positioning and safe operation.

Quantum's Enclosed Style Vet 4-Way Float Top Table:

- Extremely smooth functioning float top design.
- 650 lb. Patient load capacity.
- Features an easy-to-use, non-jarring, hand control locking device.
- Concealed accessory rails on both sides.
- Receptor/Tubestand Interlock Kit enables film receptor to move horizontally, when tubestand is re-positioned.

VET-X SYSTEM 1

This system is well-suited for work environments that have limited space, but still require optimum functionality. It features Quantum's dependable QS-500 Series radiographic tubestand as well as Quantum's Open Style Veterinary Table.

Quantum's Open Style Veterinary Table:

- A flat, excellent surface for the performance of imaging exams on patients of the four-legged variety.
- Features "Uro-Track" system and low absorption material, for easy clean-up.
- 650 lb. patient load capacity – supports even the largest breeds.
- Receptor/Tubestand Interlock Kit, enables film receptor to move horizontally when tubestand is re-positioned.



Quantum Medical Imaging



Quantum...Pioneering technology from the premiere innovator in imaging...



Quantum Medical Imaging is a worldwide leader in the design and manufacture of medical radiographic equipment for hospitals and imaging centers. This technology is now available to the Veterinary Professional. Quantum's Vet-X systems integrate high quality materials for robust construction and advanced electronic solutions for optimal performance. Intelligent product design and rigorous manufacturing standards assure long-term system value and a safe (low dosage) operating environment for your demanding patients - whether they have fur, scales or feathers.

Quantum's Goldstar Network



Factory-authorized sales and service for all systems and products is provided by Quantum's Gold Star Network, an affiliation of select dealers around the world who have been recognized for excellence in technical support and customer service.

VET-X SYSTEMS Specifications

VET-X SYSTEM 2: 4-WAY FLOAT TOP TABLE- QT-725VF

- Floating-top (4-way) design with hand control locking ability, with "Enclosed" style table base
- 650 lb (395.5 kg) Patient Load Capacity
- Tabletop length: 60" (153 cm) with 14" (36 cm) of longitudinal travel
- Tabletop Width: 28" (71 cm) with 5" (13 cm) of transverse travel
- Tabletop Height: 31.5" (80 cm)
- Welded construction with stainless steel (Rust preventative design)
- Flat table-top design with "Uro-track" system and low absorption material with easy maintenance finish
- Table includes concealed accessory rails on both sides

TUBESTAND – QS-506

- Floor to Table Mount (Integrated), with 5 ft. long tracks and 32" (81 cm) of longitudinal travel
- Operator Control Handgrip with multi-function, fingertip controls for vertical, horizontal and angulation movements; "ALL LOCKS" release switch; angulation gauge; source-to-image distance LED
- FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use
- Vertical Travel of 41.5" (105 cm)
- Electromagnetic tube angulation of +/- 135°, with detents at 0°, +/- 90°

VET-X SYSTEM 1: OPEN STYLE TABLE-QT-725

- 60" (152 cm) Tabletop length, 28" (71 cm) width, and 31.5" (80 cm) height
- 650 lb (295.5 kg) Patient Load Capacity
- Flat table-top design with "Uro-track" system and low absorption material with easy maintenance finish
- Removable table top design allows for easy reach to service equipment, easy clean up

TUBESTAND – QS-506

- Floor to Table Mount (Integrated), with 5 ft. long tracks and 32" (81 cm) of longitudinal travel
- Operator Control Handgrip with multi-function, fingertip controls for vertical, horizontal and angulation movements; "ALL LOCKS" release switch; angulation gauge; source-to-image distance LED
- FAIL-SAFE electromagnetic braking system and integral counterbalancing ensure safe, easy use
- Vertical Travel of 41.5" (105 cm)
- Electromagnetic tube angulation of +/- 135°, with detents at 0°, +/- 90°

Specifications subject to change without notice.



Innovations in Digital Veterinary Imaging.

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