WAREHOUSE B68014

V.A. Medical Center

1011 HONOR HEIGHTS DR

MUSKOGEE, OK 74401

P.O.# 623-B68014

TRADE-IN

PHILIPS MEDICAL

BRILLIANE 16 SLICE

S/N: 6159

ACQUIRED 3/2007

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AQUILION ONE SERIES V DYNAMIC VOLUME CT SCANNER WITH AIDR 3D

AQUILION ONE SERIES V HIGH CAPACITY EXTENDED COUCH

CT SCANNER AQUILION ONE SERIES WITH HIGH CAPACITY EXTENDED COUCH

ACCESSORY KIT FOR HIGH CAPACITY COUCH

DICOM 3 MODALITY WORKLIST MANAGEMENT (MWM) SERVICE CLASS USER (SCU) SYSTEM

DICOM 3 QUERY/RETRIEVE SCP

DICOM 3 QUERY/RETRIEVE SCU AQ/MP

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DELIVER TO:

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DICOM 3 STORAGE COMMITMENT
SCU SOFTWARE

PRESENTATION OF GROUPED
PROCEDURES (PGP) AND EXAM
HARD SPLIT

CT PHANTOM

CHAIR WITH ADJUSTABLE ARMS
AND BACK (Qty 2)

CONSOLE DESK 65" X 36" X 30"

MEDIA FOR DVD-RAM DRIVE (9.4 GB)
(Qty 5)

NON-CORROSIVE FLOOR LEVELING
EPOXY KIT

SURECARDIO WITH PHASEXACT
FOR AQUILION ONE VISION

ECG GATING SCANNING SYSTEM

STAND,ECG UNIT (MODEL-7800)

ECG MONITOR, R WAVE CARDIAC
TRIGGER 7800T

ADVANCED AQUILION ONE /
PREMIUM CARDIAC CT COURSE FOR
TECHNOLOGISTS

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TOSHIBA POWER DISTRIBUTION
UNIT

VARIABLE HELICAL PITCH
AQUILION PRIME, AQ ONE TSX-301C
& TSX-301A WITH VERSION 6
(REQUIRES SURECARDIO ECG
GATING)

MEDRAD STELLANT OCS DUAL
FLOW INJECTOR WITH CERTEGRA
WORKSTATION DISPLAY - CT

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- Includes 12 Month Service Warranty.

- Quotation includes a trade-in.

AQUILION-ONE-SERIES-V/4.000	AQUILION ONE SERIES V DYNAMIC VOLUME CT SCANNER WITH AIDR 3D

The Aquilion™ ONE Series V multi-detector CT is a multi-functional CT scanner with Adaptive Iterative Dose Reduction 3D Enhanced (AIDR 3D Enhanced) and is a scalable 320 to 640[*1] slice CT system, using Double Slice technology, that provides up to 0.275[*2] rotation speeds. The system's advanced imaging capabilities allow you to perform a wider range of procedures with greater comfort, convenience and safety while increasing efficiency and productivity every step of the way. The speed and clinical accuracy of this technology offers significant benefits to patients – especially trauma, pediatric and critically ill patients. This technology supports fast

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data acquisition and transfer times to aide physicians to more clearly
visualize internal injuries and disease in less time.

It includes Aquilion's 0.5 mm PUREViSION detector and 78 cm bore. It
acquires up to 16 cm*1 volumes of the anatomy, such as the pancreas and
temporal bones, in a single rotation without table movement. In addition, the
Aquilion ONE Series V is the most flexible scanner offering true 320 and
640*1 slice conventional helical and step-and-shoot modes.

*1-The Dynamic Volume upgrade kit (320 to 640 slice) is required to obtain
additional reconstructed slices in a single axial rotation.
*2- The Fast Scan and X-ray Power upgrade kit is required to achieve 0.275 rotation
speeds. Note: Power requirements for your site may change.

The Aquilion ONE Series V incorporates a host of ergonomic and automated
features to streamline productivity, deliver the highest quality images and
that make examinations faster, safer and more clinically relevant than ever.
Aquilion ONE Series V also achieves consistently excellent image quality.

Single-Energy Metal Artifact Reduction (SEMAR)

SEMAR utilizes a sophisticated reconstruction algorithm to reduce artifacts
caused by metal while improving visualization of the implant, supporting
bone and adjacent soft tissues* for an accurate diagnosis. SEMAR can be
retrospectively applied to a routine low-dose scan, including volumetric and
helical scans, combined with AIDR 3D Enhanced to achieve the best possible
image quality without the need for additional exposure dose or a dedicated
scan procedure. Toshiba will include SEMAR with each system as a value
add. SEMAR is normally valued a

* Bone structures near the metal-tissue interface may become distorted. Metal
artifacts may not be completely removed in areas near the metal material.
Comparison with the original images is suggested when performing diagnosis using
SEMAR images.

Prerequisite: Requires Version 7.0 software. Not available on the Aquilion Large
Bore or RXL.

COMPONENTS

- eVolution 78 cm gantry bore with iStation
- eVolution 660 lb. couch with custom table pad and positioning accessories
- Single console with ergonomic operator controls[3]
- High speed reconstruction hardware
- MegaCool™ V X-ray tube
- PUREViSION detectors and DAS
- Microsoft Windows 7 operating system
- Operator manuals and quality assurance phantoms

3 - Optional Second Display Console available.

Ultra-Fast Workflow with Patient Comfort

The Aquilion ONE Series V boosts productivity with fast scan and image reconstruction times while offering comfort features such as the wide bore (78 cm) and couch capacity (660 lbs.) for patients of all sizes pediatric to bariatric.

Aquilion ONE Series V makes exams easier for all patients. The routine fast scans made possible by the PUREVision detector also means short breath-holds for better patient compliance.

Dose-Reduction Features

Aquilion ONE Series V reinforces Toshiba's guiding principle of ALARA for every patient. To achieve this, Aquilion ONE Series V has an array of adaptive and integrated dose-reduction strategies that are implemented at every stage, from patient registration to image reconstruction. In addition, patient dose reduction is integrated into the protocol software, so it activates prior to turning on the x-ray beam.

Active Collimation
Active collimation synchronizes the width of the x-ray beam at the ends of the scan range to the clinically useful area needed for image reconstruction. By eliminating exposure that is not used for diagnosis, patient dose is reduced.

Adaptive Iterative Dose Reduction 3D (AIDR 3D Enhanced)
AIDR 3D Enhanced is the fourth generation in the evolution of Toshiba's iterative reconstruction technology. AIDR 3D Enhanced is an iterative algorithm intended to reduce pixel noise from the original data, the results analyzed, and the process repeated until the target level of noise-reduction is achieved. This iterative algorithm is excellent in reducing background noise while preserving diagnostic information compared to non-iterative approaches.

AIDR 3D Enhanced can be integrated into all acquisition modes for routine clinical use and is able to reduce pixel noise magnitude in a way that may result in dose reduction.

SUREkV
Auto kV can be set for protocols using SUREExposure, and the effective kV will be automatically selected based on patient size and SUREExposure settings.

SUREExposure3D (x, y, z automated mA modulation software)
Toshiba's SUREExposure3D software automatically adjusts the mAs rapidly during the scan to adapt to and compensate for changes in attenuation level produced by the non-uniformity of the anatomy being imaged. Therefore, as the scan moves from the shoulders to the lung, the mAs goes down, and as the tube rotates around the patient, less mAs is used anterior-posterior than laterally. For the same image quality level, compared to non-modulated scanning, SUREExposure3D can reduce the dose to patients.

Auto Couch Height Positioning Compensation

SUREExposure will compensate for incorrect patient positioning to ensure accurate body size calculation and exposure dose. This avoids incorrect positioning errors in patient size calculation.

NEMA XR 25, XR 26 and XR 29

Aquilion ONE Series V meets the National Electrical Manufacturers Association's (NEMA) Medical Imaging & Technology Alliance (MITA) standards XR 25, XR 26 and XR 29.

- MITA XR 25 Computed Tomography Dose Check
- Includes dose alerts and allows facilities to set dose notification values.
- MITA XR 26 Access Controls for Computed Tomography: Identification, Interlocks, and Logs
- Provides access control ensuring only authorized operators can alter controls of the CT equipment.
- MITA XR 29 Standard Attributes on Computed Tomography (CT) Equipment Related to Dose Optimization and Management
- Smart Dose standard bundles four important features to ensure that equipment produces high-quality diagnostic images while supporting patient safety:
- DICOM Structured Reporting
- CT Dose Check
- Automatic Exposure Controls,
- Pediatric and adult reference protocols.

KEY FEATURES

Routine Fast Scanning

The Aquilion ONE Series V is capable of reconstructing 320 and 640[*1] unique slices with every rotation of the gantry and incorporates a host of ergonomic and automated features to streamline productivity and deliver the highest quality images while lowering radiation dose. Aquilion ONE Series V also achieves consistently excellent image quality with high-contrast resolution of 0.35 mm (0.275[*2]).

Patients benefit from the extremely short exam times. Fast scan acquisition can also be used to meet the demands of helical CTA examinations for vascular imaging.

Double Slice Technology:
With the new coneXact™ algorithm the Aquilion ONE Series V is able to generate 320 and 640[*1] unique slices per rotation with high-quality image reconstruction. No additional exposure is necessary as this advanced technology is entirely reconstruction based.

1-The Dynamic Volume upgrade kit (320 to 640 slice) is required to obtain additional reconstructed slices in a single axial rotation.
2- The Fast Scan and X-ray Power upgrade kit is required to achieve 0.275 rotation speeds. Note: Power requirements for your site may change.

Optimal Space Utilization
The Aquilion ONE Series V has four main components: gantry, couch, console and transformer. The recommended minimum CT room size is only 31.6 square meters with the compact couch.

SURETechnologies
Improve workflow with real-time imaging, which provides the ability to view a scan at 12 frames per second (512x512) during the acquisition. This allows the operator to rapidly assess if additional images are needed.

The following are standard features on Aquilion ONE Series V:
- SUREExposure – Dose modulation based on scanogram
- SUREkV – Automatically sets the effective kV based on patient size.
- SUREStart – Real-time contrast detection at 12 fps. With SUREStart there is no need to perform a timing bolus, saving up to 30 cc's of contrast.

Easy Operation
Aquilion ONE Series V is easy to operate using the 19-inch LCD monitor, mouse and ergonomic keyboard. Scan automatically by programming procedures with eXam Plan and vocal instructions through VoiceLink™.

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EQUIPMENT COMPONENTS

eVolution Gantry with iStation
Aquilion ONE Series V eVolution Gantry possess many work flow
advantages, iStation and gantry controls are accessible from the gantry or the
scan console.

iStation
The iStation is a 12-inch LCD screen that uses video and voice prompts to
ensure patient compliance during scanning. This is especially useful during
pediatric scanning as the iStation displays a video of a small child that tells
the patient when to raise their arms, when to hold their breath, and so on.
These child-friendly instructions, coming from a child figure helps assure
compliance. iStation also allows the user to visualize the patient's ECG
waveform when acquiring ECG-gated exams.

eVolution Gantry
- Hybrid slip-ring technology conserves unused electricity
- Gantry tilts ± 22 degrees
- Large aperture: 78 cm
- Five scan fields of view
- Wide range of scan times provides greater flexibility for optimal image
  quality
- Gantry controls (eVolution touch panel) available on left/right and
  anterior /posterior sides to provide easy access, quick set up and
  improved workflow.

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Console — Acquire and Display
- Powerful, ergonomic console computer handles display, image feed, filming and transferring multi-planar reconstructions with the same interface used for axial images.
- InstaView - Full matrix real-time image review
- Capable of true simultaneous scanning, retrieving, archiving and filming without interruption using the optional second console. This is a genuine multi-tasking system for multi-slice and volume data sets.
- Powerful reconstruction tower with CPUs and hard drives with RAID 5 controllers.
- Includes user-friendly keyboard, mouse, monitor, CPU cabinet/reconstruction enclosure.

MegaCool™ X-ray Tube
This compact, high-performance tube is designed to minimize tube-cooling delays with heavy patient loads at all scan times. It was built on the proven, anode-grounded, MegaCool tube technology used on every Aquilion multi-slice CT.

Other features include:
- Dual focal spots
- Anode capacity of 7.5 MHU
- Dissipation rate of 1,386 kHU per minute maximum

New ᴾᵁᴿᴱVision Detectors and DAS
- Solid-state detector array with 0.5 mm detector elements.
- Unique Toshiba ceramic, solid-state detector array and DAS.
- Light output has been increased by 40%.

- Covers 8 cm to 16 cm[*1] per rotation without any table motion.
- SUREConnect DAS — Ultra-fast DAS to acquire large volume data of detector.
- Low-contrast resolution of 2-mm at 0.3%

System	Axial/Vol. Slices	Helical Slices
Aquilion ONE 320	320	320
Aquilion ONE 640	640	320
Aquilion ONE Vision Edition	640	320
• System capable of reconstructing image data at 0.1 mm increments. • Slice values are based on one rotation and the Aquilion ONE coneXact Double Slice technology (Axial/Vol.) and 0.5mm slice x 0.25 mm increment for helical scans.		

1-The Dynamic Volume upgrade kit (320 to 640 slice) is required to obtain additional reconstructed slices in a single axial rotation.

High-Power Generator
Robust, high-voltage circuits that generate 72 kW at 600 mA, standard on all Aquilion ONE Series V systems (exception Aquilion ONE Series V ViSION, 100 kW at 900 mA[*2]). This provides support for the 7.5 MHU x-ray tube and allows helical scans of up to 100 seconds.

Multiple kV Selections: 80, 100, 120 and 135 kV.

2- The Fast Scan and X-ray Power upgrade kit is required to achieve 0.275 rotation speeds. Note: Power requirements for your site may change.

IMAGE MANAGEMENT
Aquilion ONE Series V images can be stored on hard disk or DVD and transferred via high performance gigabit Ethernet connection using DICOM 3.0 standards.

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NETWORKING

SUREConnect DICOM Connectivity Package

Aquilion ONE Series V SUREConnect package supports DICOM 3.0
communications protocol with a set of tools that improve productivity and
workflow. SUREConnect allows connectivity to DICOM 3.0 compliant
scanners, workstations, printers with IHE profile support and auto-send to
multiple DICOM destinations

- DICOM 3.0 Modality Worklist Management
- DICOM 3.0 Performed Procedure Step SCU
- DICOM 3.0 Enhanced CT Image Storage and Transfer
- DICOM 3.0 Query/Retrieve Service Class Provider (SCP)
- DICOM 3.0 Presentation of Grouped Procedures (PGP) and Study Split
- DICOM 3.0 (Storage SCU)

HELICAL SCAN & FUNCTIONALITY

MultiView

Built into protocol for fast multi-planar reconstruction in batch mode
specifically for multi-slice data sets. Coronal, sagittal and axial images are
created and displayed for immediate viewing.

3D Imaging on Console

Provides excellent image quality with surface-shaded renderings and
volume-rendered 3D images. Provides zooming and panning over the 3D
surface and performs distance measurements.

Other features include:
- Easy 3D
- Bone removal
- Maximum intensity projection (MIP)
- Minimum intensity projection
- Intensity volume rendering

Quantitative Analysis
- Profile display of CT numbers along a selected line in the axial plane
- Distance measurement and display
- CT number display
- Histogram display

eXam Plan Protocols
- 600+ eXam plan protocols that can be adjusted while scanning
- Four preset reconstructions

Archiving
- Can be automated with each eXam plan
- Raw data and image data can be protected to prevent deletion

Filming
- Auto filming can be set as part of the eXam plan
- Images are displayed in 512x512 or 1024x1024

CUSTOMER CARE SERVICES
Developed with customer input, Toshiba's innovative support programs
have resulted in increased customer satisfaction. These include the following:

InTouch Center®
This centralized service facility provides applications and service support for
customers 24 hours a day, seven days a week.

InnerVision™ Plus
Remote system diagnostics are available around-the-clock to help identify
problems and provide potential solutions before care is interrupted or an
engineer can arrive. InnerVision Plus is included at no charge and connected
while any CT is under warranty, or any service agreement including Full
Service, In-House Support, Partnership and/or VISN Master Service
Agreement

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InTouch Agreements
Based on customer needs, InTouch customer agreements can range from an a-la-carte approach to full-security agreements that provide complete system protection.

Technical Assistance
Customer support specialists are available 24/7 to help resolve technical issues in real time. Application support specialists are also available to assist staff with protocol and image-quality issues.

Local Customer Teams
A single call mobilizes a local team of Toshiba customer engineers. With an average of 10 years of Toshiba experience and 105 hours of specialized training, they can resolve almost any performance issue.

Parts Support
A complete inventory of product parts is ready for shipment when and where they are needed, any time of day or night.

Image Maker Express
Image Maker Express is an online marketing resource that helps Toshiba customers build demand for imaging service by growing their referring physician and patient relationships. Image Maker Express includes:

- Easy-to-use marketing resources and tools developed exclusively for Toshiba customers to bring together effective marketing strategies and tactics.
- A wealth of collaterals and content to create high-quality brochures, print ads and more to help market the Toshiba customer's new imaging capabilities.

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Image Maker Express Materials available include:
- Product images and logos
- Clinical images and videos
- PowerPoint presentations and promotional videos
- Brochure samples
- Customizable press releases and media tips
- Marketing strategy tutorials

*Offerings may vary per product

APPLICATION TRAINING
Each system includes a custom developed three phase education program
and the industry exclusive Performance Pro approach to learning.

Performance Pro is a unique approach to education utilizing blended
learning with the promise of technical proficiency and optimal productivity
for both physicians and technologists. If for any reason the customer is not
satisfied with any portion of the training, Toshiba will conduct that portion
of the training again, at no charge.

Pre-Installation: Planning meeting at facility with Toshiba's CT Applications
Manager to discuss objectives and timing of training, and to co-develop a
custom program based on the facility's specific needs.

**Choice of two (2) Medical Imaging Consultants (MIC) self-study
programs;** The CT Cross Trainer and/or The CT Registry Review Program.

The CT Cross Trainer is designed to acquaint the less-experienced
technologist with important CT principles, technology and clinical exams.
The program consists of 6 comprehensive Study Modules that have been
accredited for 17 Category A CE credits; credits are earned by passing a post
test for each Study Module.

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The CT Registry Review Program is designed to help the experienced CT technologist prepare to pass the ARRT's post-primary exam in CT. The course consists of 8 comprehensive Study Modules that have been accredited for 19 Category A CE credits; credits are earned by passing a post-test for each Study Module.

Installation: A Clinical Evaluation will be conducted by an applications specialist, prior to turnover, to ensure the system is ready for the go-live date.

Phase I: Two (2) attendance vouchers for a four and a half (4.5) day technologist-focused course held at the Toshiba Institute of Advanced Imaging in Irvine, California. This course provides the fundamentals of operating Toshiba's Aquilion CT system, including a variety of CT scans performed with the latest dose reduction techniques. This course includes in-depth lectures and hands-on training. At the completion of the course, the attendee will be proficient in the following applications and operations: basic to advanced CT imaging console use, system menus, system default scan protocols, utilization of reconstruction parameters, post-processing image data, and troubleshooting image quality. This course is all inclusive of the following: tuition, airfare (booked by Toshiba), lodging, and meals. Accredited for CE credits by the ASRT Education Foundation.

Phase II: Two consecutive, thirty-two (32) hour weeks, of initial on-site education will be provided at the customer facility following system go-live. Unique with Performance Pro, Toshiba will send two applications specialists for the first week of on-site education. One specialist will provide training for up to four (4) imaging professionals including the two (2) that attended the Phase I training, to focus on maximizing scanning techniques and protocols. The second specialist will work with the physicians to achieve desired image quality. Training is scheduled consecutively, Monday through Friday, with Monday mornings and Friday afternoons scheduled as travel time for the applications specialist. CE credits are earned by participants that attend the Phase II training events in their entirety.

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Phase III: An additional twenty-four (24) hours of on-site education will be provided for the same four (4) imaging professionals, which participated in Phase II training, approximately 6-8 weeks following installation to optimize staff proficiency and system productivity.

Note: Toshiba personnel are not responsible for scanning patients, patient safety, any actual patient contact, or operation of equipment during education sessions. Toshiba will only demonstrate proper equipment operation.

The training is offered to the Customer at no charge, providing that it is completed no later than one (1) year after the warranty start date.

Additional classroom and onsite training is available for purchase.

The training is offered to the Customer at no charge, providing that it is completed no later than one (1) year after the warranty start date.

Additional classroom and onsite training is available for purchase.

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COMPONENT SUMMARY:

AQUILION ONE SERIES V HIGH CAPACITY EXTENDED COUCH

CT SCANNER AQUILION ONE SERIES WITH HIGH CAPACITY EXTENDED COUCH

ACCESSORY KIT FOR HIGH CAPACITY COUCH
Includes each of the following items:
- Rolled Edge Foot Extension Pad
- Wide & Medium Security Straps
- Chin and Forehead Straps
- Adult Head Rest Pads (Medium and Large)
- Tilt Wedge
- Knee Support Wedge
- Coronal Head Support
- Table Pad
- Protective Table Covers (Box of Four)
- Detachable Rail 77"

DICOM 3 MODALITY WORKLIST MANAGEMENT (MWM) SERVICE CLASS USER (SCU) SYSTEM
Allows the CT system to obtain details of patients and scheduled examinations electronically from the HIS/RIS system, avoiding the potential mistakes of manual entry.

Note: This option does not include a DICOM gateway for the HIS/RIS system.

DICOM 3 QUERY/RETRIEVE SCP
- Allows a Storage Class User (SCU) to query the SCP device
- Enables user devices to retrieve patient, study, series and/or image information in conformance with the DICOM 3.0 standard

DICOM 3 QUERY/RETRIEVE SCU AQ/MP
Allows a device to initiate a request for patient, study, series and/or image information from the provider device in accordance with the DICOM 3.0 standard.

DICOM 3 STORAGE COMMITMENT SCU SOFTWARE
Verifies image transfer and storage.
- Allows operator to determine if data is stored correctly at the PACS server, avoiding unintentional image deletion.
- Improves efficiency of image management operations.
- Provides fail-safe method to prevent image data from being deleted unintentionally even in the event of a communication failure (during image transfer or during a storage verification response).

PRESENTATION OF GROUPED PROCEDURES (PGP) AND EXAM HARD SPLIT
PGP is an Integrated Health Enterprise (IHE) standard designed specifically with multiple examination orders (Requested Procedures) that can be performed in a single CT examination.
- Provides preset and automatic transfer solutions for multiple exams from a single CT exam.
- Facilitates clinical viewing of images and reporting of individual requested procedures.
- Use with PACS systems that are IHE PGP compliant.
- Use the study split option for PACS systems that are not yet IHE PGP compliant to physically split images into multiple examinations.

CT PHANTOM
Measures image quality to ensure compliance to Toshiba standards for:
- High-contrast resolution
- Low-contrast resolution
- Slice thickness
- Noise
- Contrast scale

CHAIR WITH ADJUSTABLE ARMS AND BACK (Qty 2)

CONSOLE DESK 65" X 36" X 30"
Measures 65" x 36" x 30"

MEDIA FOR DVD-RAM DRIVE (9.4 GB) (Qty 5)
- 9.4 GB
- Two-sided

NON-CORROSIVE FLOOR LEVELING EPOXY KIT

SURECARDIO WITH PHASEXACT FOR AQUILION ONE VISION
SURECardio for Aquilion ONE provides the basic foundation package of
hardware and software for advanced cardiac imaging. It includes a compact
ECG monitor with a color screen for easy set up and monitoring.

Aquilion ONE SURECardio volumetric CT with arrhythmia detection provides
real time beat monitoring and the ability to acquire volumetric cardiac CTA
within one heartbeat. No table movement is required. If an arrhythmia or
abnormal heartbeat is detected Aquilion ONE can automatically adjust the
scan and acquire the next normal heartbeat.
The axial gated acquisition provides low dose to the patient for evaluation of
calcified plaque. The system acquires data utilizing an ECG gated software
that provides a fast gated output for R-wave synchronization

SURECardio phaseXact eliminates the need for unnecessary multiple
reconstructions by automatically selecting and reconstructing the cardiac
phase with the least motion.

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SURECardio Prospective™ is a unique application that dramatically lowers patient dose during coronary CTA exams. This advanced software provides enhanced workflow with automatic pitch selection and exposure window setting based on patient's heart rate and employs the use of the helical acquisition and an x-ray on/off modulation technique.

This unique application allows for rapid data collection during every heartbeat, producing short scan times with a dramatic reduction of x-ray exposure and contrast dose to the patient.

CARDIAC APPLICATION TRAINING
Includes a two phase education program.

Phase I: Prerequisite to on-site education: Attendance in the Advanced Cardiac Course held at the Institute for Advanced Imaging, Irvine, CA.

Phase II: Twenty-four (24) hours of on-site education will be provided at the customer facility for up to four (4) imaging professionals including the one (1) that attended Phase I training. Training is focused on maximizing cardiac scan techniques and protocols and to optimize staff proficiency and system productivity in cardiac imaging. Training is scheduled for three (3) consecutive days during standard business hours. CE credits are earned by participants that attend the Phase II training event in its entirety.

Note: Toshiba personnel are not responsible for scanning patients, patient safety, any actual patient contact, or operation of equipment during education sessions. Toshiba will only demonstrate proper equipment operation.

Education expires two (2) years from the later of purchase date or warranty start date.

Additional classroom and onsite training is available for purchase.

Applications support is available by phone on the toll-free ASSIST line, 1-800-521-1968.

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ECG GATING SCANNING SYSTEM

STAND,ECG UNIT (MODEL-7800)

ECG MONITOR, R WAVE CARDIAC TRIGGER 7800T

Cardiac ECG Trigger Monitor Model 7800T for use with CT hardware and software to measure skin impedance to help ensure reliable scanning.

- Compact ECG monitor with fast gated trigger output for R-wave synchronization applications
- High & Low Heart Rate Limits
- 6.5" Color LCD Display (TFT Active Matrix)
- Integrated ECG simulator to test the integrity of the patient cables, lead wires, and electronic circuitry.

ADVANCED AQUILION ONE / PREMIUM CARDIAC CT COURSE FOR TECHNOLOGISTS

One (1) attendance voucher for a three day technologist-focused course held at the Toshiba Institute of Advanced Imaging in Irvine, California. This course provides a foundation of cardiac anatomy and physiology with ECG and cardiac gating, including CT scans performed with the latest dose reduction techniques. This course includes in-depth lectures and hands-on training on the CT scanner and Vitrea post-processing systems. At the completion of this course, you will be proficient in the following operations: cardiac anatomy and physiology, CTA scanning, ECG monitoring, image quality assessment and image processing. Vitrea post-processing training includes coronary artery calcium scoring and cardiac functional analysis. This course is all inclusive of the following: tuition, airfare (booked by Toshiba), lodging and meals. Accredited for CE credits by the ASRT Education Foundation.

Prerequisite: Currently operating an Aquilion ONE system

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Education expires two (2) years from the later of purchase date or warranty start date.

Additional classroom and onsite training is available for purchase.

Applications support is available by phone on the toll-free ASSIST line, 1-800-521-1968.

TOSHIBA POWER DISTRIBUTION UNIT

The PDU is engineered to address common power problems found in the hospital environment and to isolate the CT system components to meet IEC 60601-1 Third Edition requirements. This is important to assure optimal reliability and performance of CT systems. Customer is responsible for complying with Toshiba's site specifications for electrical power.

This device provides most of the electrical site preparation requirements of Toshiba CT systems. The PDU contains a low impedance isolation step-down transformer with a shielding plate between primary and secondary.

Voltage Conversion

Wiring costs are significantly reduced since the PDU accepts a single, 480V delta input, supplying 200V to the generator and the various other parts of the system.

Distribution

The PDU comes prepackaged with the distribution breakers needed for each system feed. Having all system breakers in one location also makes it easier for service personnel to remove power.

Installation

Installation is much faster, more predictable, and less expensive with a factory-assembled and tested system.

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VARIABLE HELICAL PITCH AQUILION PRIME, AQ ONE TSX-301C & TSX-301A WITH VERSION 6 (REQUIRES SURECARDIO ECG GATING)

vHP (Variable Helical Pitch) improves workflow by enabling a change of pitch during the acquisition with two different scan parameters, while completing the scan in a single examination.

- Cardiovascular applications: vHP combines a CTA (ECG-gated using a cardiac CTA pitch) and a CTA of the aorta (non-gated use of a standard CTA pitch) into a single scan.
- Trauma applications: vHP combines a brain scan (detailed pitch) and body scan (standard pitch) into one continuous scan.

Key Features
- Enhances automated workflow
- Excellent management of contrast media
- Dramatically reduces x-ray dose
- Provides seamless reconstruction of images
- Reproducible results every time

Package Includes
- vHP software disk
- ROM's for gantry/couch control
- Manuals

Prerequisite: #SURECARD-PRIME, ^{SURE}Cardio with phaseXact and ^{SURE}Cardio Prospective for Aquilion.

VA MUSKOGEE
1011 HONOR HTS DR
MUSKOGEE, 74401. OK

MEDRAD STELLANT OCS DUAL FLOW INJECTOR WITH CERTEGRA WORKSTATION DISPLAY – CT

CT TRADE-IN:

CURRENT GOVERNMENT CONTRACT PRICE (*):
(*) Additional discount may apply based on further multi-unit or multi-modality negotiations at the VISN and/or VANAC.

EXTENDED INSTALLATION PER ATTACHED SCOPE OF WORK: