TOSHIBA

Leading Innovation

Xantara

THE ULTIMATE IN REMOTE-CONTROLLED DIGITAL R/F

A COMPLETE SOLUTION FOR DIGITAL RADIOGRAPHY AND FLUOROSCOPY

The digital, remote-controlled Xantara delivers exceptional DR/RF imaging across a wide range of radiology applications and provides optimal comfort and safety for patients and operators. Xantara is designed to meet your specific clinical demands with outstanding ergonomics, high-quality, low-dose imaging and seamless network integration. Xantara's comprehensive dose management suite ensures that patients receive fast, safe and precise care.

SAFETY IS YOUR TOP PRIORITY. WE'VE GOT YOU COVERED.

We understand that diagnostic imaging safety goes beyond radiation dose and extends to all areas of patient and staff safety. Toshiba's 360 Degrees of Safety program puts you and your patients first by providing comprehensive coverage, guidance and expertise. From corporate programs that support industry safety to modality features that protect your patients and staff, at Toshiba we have made safety a priority in everything we do.

360 SAFETY

Xantara's industry-leading two-in-one design meets your demands for clinical efficiency and image quality, helping you to provide a better standard of care for your patients. For higher productivity at nonstop pace, Xantara includes an array of unique, fully integrated capabilities to enhance diagnostic accuracy, workflow as well as patient experience.

- Optimized patient dose
- Enhanced workflow
- High-quality images

for a fast and accurate diagnosis

COMFORT AND SAFETY FOR PATIENTS AND THE MEDICAL TEAM

Putting patients at ease is key to a successful and smooth examination. Better access around the table ensures faster and more secure procedures. With a unique range of integrated capabilities, Xantara helps you enhance productivity while improving patient care.

Patient-friendly table design
Xantara's tabletop lowers down to 48 cm, making it easier for you to load patients with reduced mobility. The smooth and precise table movement ensures maximum comfort, as well as a high level of safety for patients and staff.

Full access around the patient
Xantara provides full access around the table, making patients more accessible during procedures like arthroscopy or DSA. Also transferring patients from a bed or stretcher to the tabletop becomes faster and easier than ever.

Clinical freedom for all exams
Xantara's outstandingly flexible design and its superior wireless flat panel detector help optimize your workflow management. With its unique 180 degrees tube angulation the system can also be combined with a vertical wall bucky.

Always in the best position
With a SID range from 110 to 180 cm, Xantara facilitates a wide range of examinations in an optimal and comfortable patient position. Chest examinations can be carried out with an upright table to ensure the best image quality obtainable.

Adjusting to all clinical situations
Xantara is designed to accommodate patients of all ages and sizes. The system supports patient weights up to 265 kg and the 85 cm wide tabletop provides optimal conditions from pediatric to bariatric patients with the same precision and comfort.

Flexibility to suit your specific requirements
Xantara supports a wide range of examinations and is suited to fit into all types of examination rooms. The combination of DR and RF in a single solution encourages higher room utilization and helps improve the return on your investment.

IMPROVE YOUR PRODUCTIVITY WITH EFFICIENT WORKFLOW AND BETTER ERGONOMICS

An intuitive interface. This breakthrough feature enables the Xantara control system to integrate the mechanical movements of the table and the generator settings into one intuitive, efficient interface raising workflow efficiency to a new level.

Excellent images, low-dose design
Xantara's 43 x 43 cm large field-of-view dynamic flat panel detector with highly efficient CsI scintillator and 16 bit extended dynamic range ensures extraordinary image quality at low dose with up to 30 frames per second.

Intuitive control console
The system's innovative control panel has a large color touch screen enabling automatic, independent and 'all-in-one' monitoring of all table movements, whilst offering efficient management of the generator and unrestricted APR.

Intelligent 3D anti-collision control
Xantara's intelligent 3D anti-collision control system included in the motor axis controller calculates and controls all movements in real-time and offers synchronized simultaneous movement for all axes, expediting examinations.

Xantara's intelligent console enables you to match the system settings to the examination provided in the patient work list at the touch of a button. SID, grid, generator, filters, table tilting and tube angulations are linked to the APR and are automatically set, significantly improving workflow and optimizing dose.

Providing a better experience
Ambient light and a pre-installed music selection are available on the system to create a calming atmosphere for the patient. This can be particularly helpful while carrying out extended procedures or pediatric examinations.

Touch screen collimator
The optional touch screen console located in the system's collimator enables you to control collimator, patient table and tube column settings directly at patient-side, helping you to improve workflow for instance in musculoskeletal imaging.

Remote control
The optional infrared remote control provides an additional layer of flexibility and control in setting the desired position of the patient table and X-ray tube column as it operates systems settings from anywhere in the examination room.

COMPREHENSIVE DOSE MANAGEMENT
OUTSTANDING IMAGE QUALITY

Xantara was designed to meet your safety requirements with extraordinary image quality at minimal radiation dose. In addition to the system's large-field dynamic flat panel detector the system is equipped with a broad range of dose-saving functions.

Dedicated programs specifically designed for pediatric patients are available on Xantara. Advanced pulsed fluoroscopy modes help you reduce the patient dose by up to 90 % in real-time imaging mode.

DoseRite™

Xantara is equipped with a removable, oscillating high definition grid to significantly decrease patient irradiation. The grid can easily be removed when required. APR-linked filters permit automatic selection based on the type of examination.

Virtual collimation uses Last Image Hold to place the collimator shutters at the exact location required. A video camera encased in the LED collimator provides an extra tool for radiation-free positioning.

CRYSTAL-CLEAR IMAGES FOR THE BEST INFORMED DISEASE MANAGEMENT DECISION

X-thorax

Foot, right, standing

Hand, right, PA

$BaSO_4$ meal

Pelvis

Venography

BRINGING INNOVATION TO LIFE

For over 140 years Toshiba's research and development has improved the health and welfare of people around the world. Today, Toshiba Medical Systems offers a full range of diagnostic imaging products and is a reliable service partner in more than 135 countries around the globe. Our Mission is to deliver the best quality products and services, as well as the industry's best after-sales support through long-term, customer focused partnerships.

360 SAFETY

Innovation

Toshiba is a world leader and innovator in high technology. Year on year we file thousands of patents, making innovation a key part of the Toshiba fabric. In accordance with our Made for Life commitment, we develop innovations that improve patient care and provide lasting quality for a lifetime of value.

Quality

At Toshiba quality and reliability is at the heart of everything we do. With technologies and products being developed in more than 30 R&D laboratories and nearly 600 subsidiary companies across the globe Toshiba engineers are dedicated to develop the best-performing, most reliable and environmentally friendly product solutions for you.

Design

Our product design is driven by customer feedback and the close consultation with industry visionaries and opinion leaders. Our award-winning Design Center has over 60 years of experience in developing pioneering products and industry-leading solutions to ensure that you can work at the highest standards of diagnostic precision, usability and productivity.

Partnership

Making sure your systems deliver from day one is an important part of our relationship. Whether you need onsite or offsite training, we can provide options that work best for you. Experienced clinical application specialists will help you and your team to maximize the potential your diagnostic imaging equipment has to offer.

TOSHIBA eco style

Caring for earth and its people is at the heart of everything Toshiba does – and one of the many ways we innovate. Toshiba's passion for safeguarding earth is enshrined in our Environmental Vision 2050, whereby we seek to improve our eco-efficiency by a factor of ten over the next four decades through strict monitoring of energy usage, continuous improvement of manufacturing processes and eco-conscious product development.
Far from being a distant goal, the Environmental Vision 2050 sets tangible milestones year by year. These include the reduction in emission of CO_2 and other greenhouse gases, and the complete phasing out of certain hazardous substances from our products.

Design, manufacturing and shipment

No sustainability without quality
By manufacturing high quality diagnostic imaging equipment that lasts, we ensure that you can enjoy working with your machine over many years. Our software-driven platforms are easy to upgrade to keep you abreast of new diagnostic tools for a long time. And while we continuously work to improve the performance of our equipment, we drive down consumption of energy and resources at the same time.

Product use

Energy efficiency is the key
A major part of the greenhouse gas emissions our medical imaging systems produce accrue while you scan your patients. Therefore we design our products to be outstandingly energy efficient, and even to recycle energy wherever possible. Take for instance our Aquilion ONE™ CT scanner. While braking its gantry, 25 % of the energy used to set it into rotation can be recovered and stored for the next scan.

Refurbishment and recycling

End of use is not the end of life
Because outstanding quality lasts, your Toshiba medical imaging equipment remains of high value even after you replace it with new equipment. Our Secondlife™ refurbishment program is an integral part of our corporate philosophy helping to maximize the life span of our equipment by enabling you to sell or buy used equipment of the same high quality as our new machines.

Xantara

TOSHIBA MEDICAL SYSTEMS EUROPE

www.toshiba-medical.eu

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Some features presented in this brochure may not be commercially available on all systems shown or may require the purchase of additional options. Please contact your local Toshiba representative for details.

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