

TOSHIBA

Leading Innovation >>>



Mobirex

COMPACT, LIGHTWEIGHT AND MOBILE



HIGH QUALITY DIGITAL X-RAY IMAGING MEETS OUTSTANDING WIRELESS MOBILITY

Toshiba has a reputation for first-rate usability paired with high image quality. Our industry-leading digital X-ray systems are no exception.

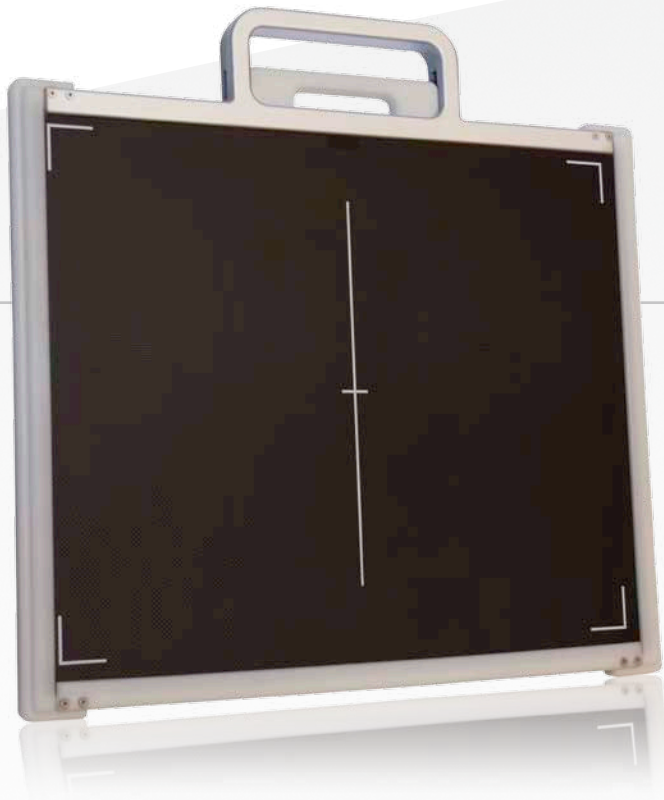
We understand both the specific clinical demands and broader healthcare challenges you face in translating imaging systems into a high standard of patient care. Toshiba digital X-ray systems provide a combination of seamless hospital network integration, ergonomic features, and high image quality with inbuilt dose management to ensure your patients receive fast, safe and precise care wherever they need it.

COMPACT WITH OUTSTANDING MANEUVERABILITY



We are aware of how important easy maneuverability of portable equipment is, which is why Mobirex™ has been created with this as a leading priority. Its compact, light and ergonomic design make restricted spaces or tight turns easy. Its large wheels smoothly handle an awkward step or uneven floor. Its fully motorized system means Mobirex lends itself to single-person operation.

MOBILE AND LIGHTWEIGHT WITHOUT SACRIFICING IMAGE QUALITY



Mobirex's flat panel detector combines CsI technology with unlimited maneuverability.

Practical considerations can make or break the utility of mobile digital X-ray technology. Being versatile and physically manageable is key for mobile equipment. With its lightweight, wireless and portable flat panel detector unencumbered by restrictive cables, Mobirex is designed to provide you with the freedom you need to acquire only the best digital images.

WHY CHOOSE BETWEEN MOBILITY OR IMAGE QUALITY? HAVE BOTH.

Mobirex effectively synchronizes detection and image processing functions to provide clearly defined contrast and spatial resolution. It features:

- Inbuilt dedicated and tuneable algorithms that provide maximum clarity and consistency ensured for every image; pre-settings speed up and optimize the examination.
- Fast image display – within 3 seconds, making sure image acquisition, workflow and patient comfort due to shorter examination times are all maximized.
- Optimal processing that delivers a crisp display without edge or shadow artefacts ensuring subtle and important details are clearly visible, with rich contrast and grey level, and maximum dynamic range.
- The ability to detect a range of tissue types from lung to soft tissue and bone, and harmonize the various images.

SAFETY, COMFORT AND EFFICIENCY FOR YOUR PATIENTS



Forward and reverse motion controls located on the tube handle provide accurate positioning without the need to return to the main console.



Convenient storage helps keep anti-scatter X-ray grid and wireless flat panel detector within reach.



Mobirex also accommodates larger patients: the large-capacity, inverter-type, high-voltage generator enables high X-ray tube output, whilst the radiation exposure indicator keeps a check on the dose provided.



Because digital acquisition indicates the dose administered per image, you can closely monitor each radiation dose exposure and optimize the safety of your patients and staff. All imaging parameters are automatically stored with the image acquisition.



An infrared remote control makes the process user-friendly and accurate.



A rotating X-ray tube that revolves, tilts and extends to achieve the optimal angle.



Mobirex has collision protection to ensure maximum protection for both patient and operator.

VERSATILITY IN CLINICAL APPLICATION



Chest (anterior-posterior)



Right elbow (anterior-posterior)



Left foot (oblique)



Right hand (posterior-anterior)



Your next patient could present with any one of many unpredictable anatomical challenges, demanding equipment with versatility enough to acquire high-quality clinical images that support accurate diagnosis.

Mobirex' wireless flat panel detector is a key feature that encourages confidence in obtaining the images needed to help you make the right clinical decision.



Left ankle (anterior-posterior)



Cervical spine (lateral)



Lower left arm (anterior-posterior)



Right femur (lateral)



Left knee (anterior-posterior)



Left shoulder (anterior-posterior)

WIRELESS CONNECTIVITY WITH AN INTUITIVE USER INTERFACE



SEAMLESS INTEGRATION WITH HOSPITAL WORKFLOW

Integration with the hospital RIS/PACS via Wi-Fi means that Mobirex provides fast and accurate image transfer and interpretation by radiologists. Thus you as the radiographer are free to concentrate on your patient and the practical challenges of obtaining the best clinical image possible.

Mobirex conforms to DICOM 3.0 with the added option to record images to DICOM-compatible digital media.

FULLY INTEGRATED DIGITAL ACQUISITION WITH TOUCH SCREEN

Mobirex' touch screen allows automatic parameter setting control (APR) as well as operator-programmable settings, which is particularly suitable for clinical environments that demand a unique set of views and procedures.

The clear and intuitive touch screen supports the entire workflow from registration through final processing.





Mobirex has been designed with an intuitive, graphical user interface that easily and quickly guides you through the complete imaging process and allows for integrated X-ray generator control setting.

With Mobirex, the full range of X-ray examinations is managed by the single graphical user interface, keeping software training requirements uniquely low.

BRINGING INNOVATION TO LIFE

For over 130 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 120 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.

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 over 300 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 50 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.

The logo features the word "TOSHIBA" in a white, sans-serif font above the words "eco style" in a larger, white, lowercase sans-serif font. The text is contained within a green speech bubble shape with a tail pointing towards the bottom right. The background of the entire page is a soft-focus image of green leaves.

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 CO₂ 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.



Mobirex

TOSHIBA MEDICAL SYSTEMS CORPORATION

www.toshibamedicalsystems.com

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Toshiba Medical Systems Corporation meets internationally recognized standards for Quality Management System ISO 9001, ISO 13485.
Toshiba Medical Systems Corporation Nasu Operations meets the Environmental Management System standard ISO 14001.

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Please contact your local Toshiba representative for details.

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