



Digital mobile X-ray imaging – convenient, precise, reliable

MOBILETT XP Digital

Answers for life.

SIEMENS

Mobility gone digital

Bringing mobile X-ray to a new level of efficiency

Regarding today's trends of more efficiency in hospitals, more and more hospitals are going filmless and digital systems are in high demand.

Going digital presents a unique opportunity to optimize the entire clinical workflow in the hospital – from image acquisition to processing and archiving.

MOBILETT has been a success in mobile X-ray imaging for many years. Following the trend of achieving more by using less, Siemens has combined long-time imaging expertise with innovative research in medical engineering.

With MOBILETT XP Digital we have created a digital mobile X-ray system with a flat panel detector that can be seamlessly integrated into standard clinical processes for instant bedside imaging in the ward, Intensive Care Unit (ICU), Emergency Room (ER), Neonatal Intensive Care Unit (NICU) and in the Operating Room (OR).



**Is high precision imaging
a question of physical size?**

**How can I still rely on
high-speed information transfer,
if I'm always on the move?**



**How to harmonize mobility
and reliability?**

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**How to harmonize mobility
and reliability?**

“How can I still rely on high-speed information transfer, if I’m always on the move?”

We have integrated compact mobile X-ray imaging, reliable digital flat panel detector technology and state of the art industrial communication technology to ensure high speed information processing.

While supporting the relevant DICOM standards, such as Worklist, Send, Print and MPPS, our MOBILETT XP Digital with its seamlessly integrated wireless LAN antenna provides secure data access – whenever and wherever needed.

“Is high precision imaging a question of physical size?”

With its high generator power of 30 kW (450 mA, 360 mAs) and the smallest physical size in its class, the MOBILETT XP Digital simply offers best power per footprint. Exposure times down to 1ms and a constantly small focal spot size result in excellent image quality.

The system is easy to maneuver and position, giving you fastest patient access and increased flexibility in your workflow.

“How to harmonize mobility and reliability?”

By continuously improving and fortifying our system’s design and components, for example with a specially reinforced detector cable in combination with a tailor-made holder for detector and grid, we are constantly making the system more robust and reliable.

Due to its constant mobility the system and its components are exposed to increased wear and tear. We made the system more durable and improved the ease of use at the same time.

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A system that is part of your workflow – a system that makes your work flow

Going digital means that examinations can generally be performed faster and with an optimized clinical workflow. MOBILETT XP Digital is a digital mobile X-ray imaging system with flat panel detector technology and instantaneous digital image display.

Images are instantly available with virtually no time between exposures. All exposures for any patient – regardless of size and age – can be taken with one single digital flat panel detector.

MOBILETT XP Digital was designed always keeping the importance of a fast and sensible clinical workflow for efficient and effective patient care in mind.

An easy start

Patients can be registered manually or via selection from the DICOM worklist for fast access and fast evaluation. If previous patient images exist, they can be recalled from the local image storage.

The touch screen allows fast control of all desired functions. The intuitive user interface is easy to understand and operate with several preset anatomical organ programs just a touch of the screen away.

The MOBILETT XP Digital's small footprint, its counterbalanced swivel arm and the integrated motor drive makes it very easy to maneuver and thus the system may easily be positioned at the patient's bedside. This high degree of mobility gives you even faster patient access and makes direct image control possible.

With its dual source power for exposures, backed with long life rechargeable batteries and a conventional power outlet, MOBILETT XP Digital provides highest comfort in mobile imaging.

Get the picture immediately

Immediate viewing of images allows technicians to perform on-site quality checks and adjustments at the patient's bedside.

The self-calibrating high imaging output, up to 30 kW and 360 mAs, enables short exposure times down to 1 ms – virtually eliminating motion blurring and resulting in excellent image quality.

High-quality control images are available within seconds. In addition, MOBILETT XP Digital supports basic image processing functions, such as brightness, contrast and edge enhancements directly on the system. DICOM Send and Print functionalities enable easy storage or printing of all X-ray images within the hospital IT network.

The system enables the image data transmission via wired or wireless LAN access to the hospital IT system for convenient archiving and fast documentation. MOBILETT XP Digital can temporarily store up to 3,000 chest images in the internal image memory.

The radiologist has instant access to all the information needed in order to decide on the appropriate patient therapy. When seconds count – like in emergency situations – this streamlined workflow can make the difference in improved patient care.

Clinical advantages

By supporting the existing DICOM standards like Worklist, Send, Print, and MPPS, our digital mobile X-ray room on wheels offers major advantages in clinical workflow and potentially opens new clinical applications for mobile X-ray.



MOBILETT XP Digital

A digital system without compromises

In addition to an optimized clinical workflow, the compact design, outstanding imaging power, instantaneous image display and processing as well as easy maneuverability and positioning, MOBILETT XP Digital offers many further advantages.

Going digital means, that manual film processing (analog or Computed Radiography), cassette handling, and maintenance of a darkroom and all involved chemicals are things of the past.

Integrated flat panel detector

The integrated flat detector of MOBILETT XP Digital produces high-resolution, sharp imaging for accurate diagnostics. The specially reinforced detector cable serves as the reliable workflow solution without any compromises. In combination, the flat panel detector and its components add sustainable value to your workflow.

Holder for detector and grid

Convenient and clever storage is very important in mobile X-ray rooms. Our customized holder for detector and grid allows easy handling and protects your valuable equipment.

Dose measurement

The optional measurement chamber for the Dose Area Product (DAP) provides the dose information per image. In combination with Modality Performed Procedure Step (MPPS) the DAP value will be transferred automatically to the hospital IT system. This provides you with all relevant exam information instantaneously.





Pediatrics



Extremities

Wireless LAN connectivity

With our new optional seamlessly integrated external WLAN antenna the access to the wireless hospital IT infrastructure will be the preferred solution in order to speed up workflow and data transmission. Supporting the common WLAN standards and with its increased reach the data connectivity becomes easy, fast, secure and reliable. Thanks to high-speed information technology, image information can be easily sent to the system in between patients if needed – without interrupting the workflow or causing unnecessary waiting times.

Remote control

By using the optionally available remote control radiation dose for the radiology technologist or radiographer can be considerably reduced. The infrared controlled device allows to control the exposure process and the collimator lamp with an increased distance of up to 10.9 m (35.8 ft.) – even through glass and lead glass. Due to the proprietary coding no other known infrared remote system will be activated accidentally. This provides a high level of safety for your staff.

Giraffe design

With its optional, unique giraffe design MOBILETT XP Digital is ideally suited for creating a more relaxing patient environment. Not only children will be delighted by the colorful and friendly visual appearance. Some grown-ups too will be less anxious during their exam when looking into the friendly giraffe's face.



The information in this document contains general descriptions of the technical options available and may not always apply in individual cases.

The required features should therefore be specified in each individual case at completion of contract. Siemens reserves the right to modify the design and specifications contained herein without prior notice. Please contact your local Siemens sales representative for the most current information.

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