MOBILETT Elara Max

Stands out from the crowd in mobile X-ray imaging

Member of the MAX family

↗ **siemens-healthineers.us/mobilett-elara-max**

SIEMENS ...
Healthineers ...

Using the advantages of mobile digital radiography

The healthcare market is moving away from analog X-ray and computed radiography, toward fully digital X-ray systems (DR). This trend is not just about the many advantages that DR offers in terms of enhanced efficiency, handling, and image quality—it ultimately leads to new requirements and expectations like declining reimbursements for film-based X-rays and computed radiography, as seen, for example, in the U.S.
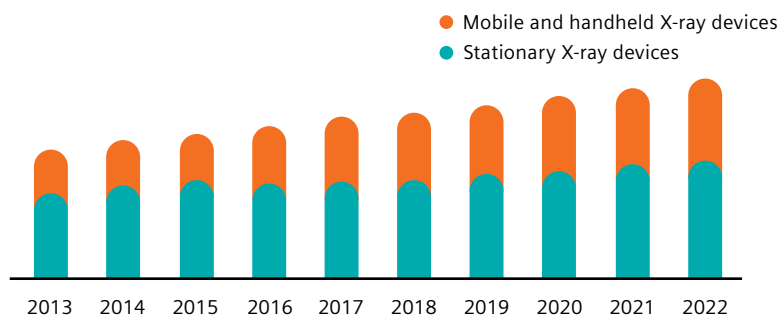
Embracing digital radiography...
Since 2017, Medicare reimbursements of the technical component have been reduced by 20% to providers submitting claims for film-based X-rays.[1]

$

-20%

● Mobile and handheld X-ray devices
● Stationary X-ray devices

...and mobile solutions
Medical practitioners are also rapidly shifting their preferences to mobile X-ray equipment because of the advantages it offers over stationary systems.[2]

2013 2014 2015 2016 2017 2018 2019 2020 2021 2022

Global X-ray equipment market share, by product type (USD Mn)[2]

[1]Massat, MB. Changes in reimbursement to propel digital radiography. Available from: https://www.appliedradiology.com/articles/changes-in-reimbursement-to-propel-digital-radiography [Accessed August 2018].
[2]Credence Research. X-Ray Equipment Market By Product [...], Technology [...], Application [...] - Growth, Share, Opportunities & Competitive Analysis, 2016–2022. Available from: http://www.credenceresearch.com/report/x-ray-equipment-market [Accessed August 2018].

The
MAX
effect

Savings

Standardization

Satisfaction

Experience the MAX effect:
Multiply your gains in standardization, savings, and satisfaction with MOBILETT Elara Max.

Transform care delivery with MOBILETT Elara Max

Faced with the ongoing trend toward increasing efficiency and growing cost pressure, you as a healthcare provider might be looking for ways to optimize operations and improve productivity—without compromising on quality of care.

MOBILETT Elara Max supports you in this challenge: The mobile X-ray system delivers exceptional results

and offers unique features for enhancing efficiency and quality—and combines this with our extraordinary MAX advantages. Its easy maneuverability and flexible positioning improve productivity and enable consistently high image quality at the patient's bedside for excellent diagnostic certainty. Seamless and secure integration gives you access to relevant data

where and when you need it. All this makes MOBILETT Elara Max a smart, compact, and powerful X-ray system that's always ready to go.

MOBILETT Elara Max helps you to transform care delivery, and makes a real and lasting difference to your entire department.

Discover MOBILETT Elara Max

MOBILETT Elara Max
At a glance

Smart design, big effect

Easy maneuverability and flexible positioning allow you to confidently produce high-quality images with ease.

Sleek ergonomic design for easy navigation

The ergonomic design has fully integrated cables for an unobstructed front view that allows for smooth, safe navigation.

Advanced workflows, greater security

Get access to relevant data, when and where you need it by integrating seamlessly and securely into your IT infrastructure.

The MAX effect

With two or more MAX systems, gain enhanced standardization, savings, and satisfaction with a common user interface and interchangeable detectors.

Keep your IT secure

Prevent cyberattacks and data theft with technology that safeguards your IT environment and protects sensitive patient data.

Personalize it when it matters

Low-dose organ programs allow you to image your youngest patients quickly and easily.

Drive efficiency and image quality in your department

Busy hallways and small patient rooms can be a challenge for mobile X-ray systems. With its exceptional maneuverability and flexible MAXreach arm, MOBILETT Elara Max helps your staff work confidently and with ease so they can produce consistently high image quality—even when all batteries are empty.

Maneuver effortlessly and ergonomically
MOBILETT Elara Max supports your workflow from the very start—on your motor-assisted walk to each patient. The compact, lightweight, and ergonomic design makes moving easy, and the unobstructed view to the front allows you to avoid obstacles on your route. Intelligent solutions such as on-the-go detector charging and long-life batteries help to transform care delivery by minimizing waiting times.

Handle easily at the patient's bedside
With its remarkably compact dimensions, MOBILETT Elara Max fits into very small patient rooms. When you are interacting with patients, the flexible MAXreach arm helps you quickly find the right position for the optimal image in every case: An impressive 180 degrees of lateral arm rotation maximizes your positioning options, while the Micro-Inch Mover buttons make fine adjustments easy. The system can also switch between batteries and main power so that it keeps going as long as you need it to.

The child-friendly giraffe design[1] creates a relaxing environment.

Tailor your imaging to very young patients

MOBILETT Elara Max allows you to image premature babies quickly and easily while limiting the stress placed on these sensitive patients. Special pediatric organ programs take account of higher tissue radiosensitivity and variations in size and weight. Copper filters reduce dose, while DiamondView MAX optimizes image quality to aid in diagnosis. A maximum focus height of 213.5 cm helps you to comply with the minimum required distance between X-ray tube and incubator, and the MAX mini detector fits neatly into incubator trays.

Achieve consistently high image quality

With its powerful 35 kW (450 mA) generator and wireless MAX detectors, MOBILETT Elara Max delivers excellent images fast. Gridless imaging in free examinations using DiamondView MAX postprocessing gives you the clear, detailed, high-contrast images you need for confident diagnostic decisions—at very low dose. At the same time, it reduces error rates and enhances your workflow efficiency.

DiamandView MAX enables high image quality thanks to optimized noise suppression and enhanced contrast.

MAX wi-D detector: 35 cm x 43 cm, 3.3 kg
MAX mini detector: 24 cm x 30 cm, 1.6 kg

[1]Option

Accelerate your mobile workflow through seamless and secure integration

If your mobile X-ray system doesn't fit perfectly into your hospital landscape, you risk losing valuable time and facing critical situations. MOBILETT Elara Max integrates seamlessly and securely into your existing IT infrastructure and gives you access to relevant data wherever you need it.
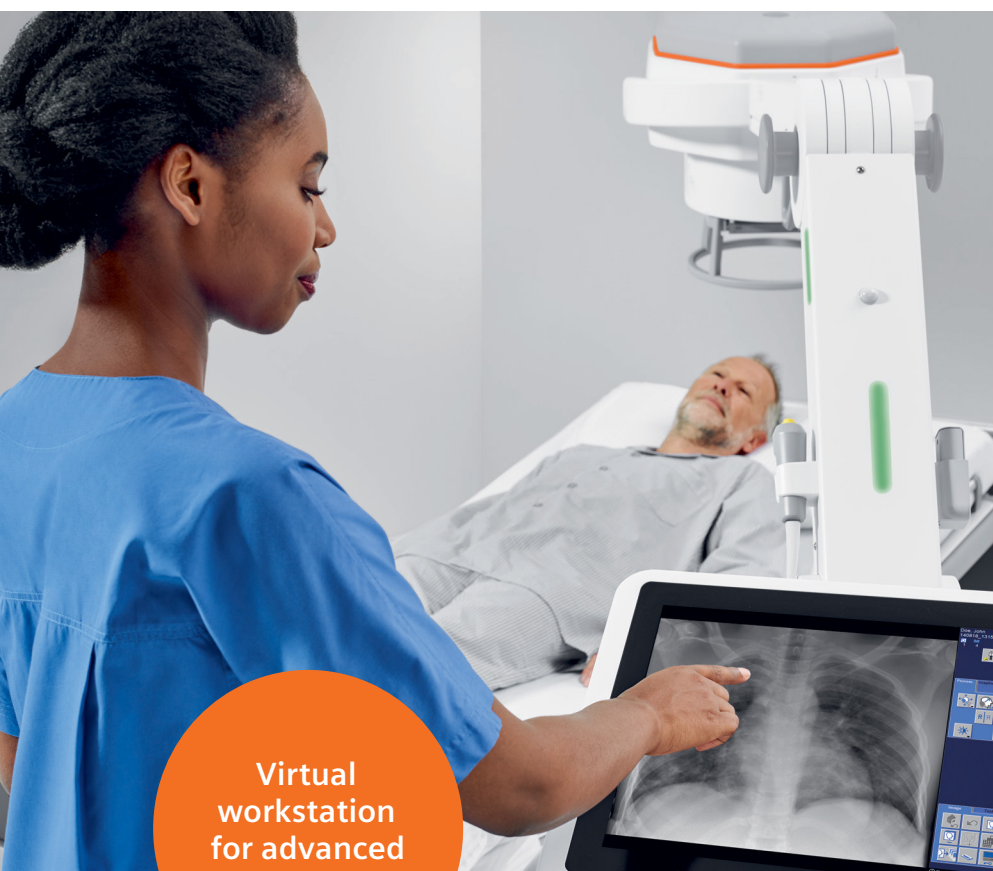

Integrate your digital workflow seamlessly

The common user interface *syngo*® FLC enables a fully digital, one-stop imaging workflow that covers everything from patient registration to documentation. Wireless connectivity supports convenient and fast transfer of images to the hospital network. MOBILETT Elara Max also features integrated quality management: It provides a comprehensive overview of dose and image quality that allows you to easily monitor your system's performance and determine your staff's training needs.

High efficiency gains in accessing relevant data without having to leave the system[1]

| RIS access to register unplanned patients and to reallocate patients to another device | Access patient data like room number, lab data, or previous images (e.g., with *syngo*.via client) | Patient selection | Image acquisition | Advanced postprocessing with DiamondView MAX | Image transfer & documentation | RIS close-out to complete patient study |

Virtual workstation for advanced use cases

Access relevant data where and when you need it

Thanks to the virtual workstation[1], you can easily take hospital applications to the patient's bedside. This virtualized Windows 10® environment allows you to install institution-specific third-party software (e.g., an RIS client, a PACS viewer, an EMR client, or the hospital intranet) to efficiently manage operations directly on MOBILETT Elara Max. Since you don't have to leave the system in order to move to a separate workstation, you can spend more time with your patient.

Protect your mobile system and your patient data

MOBILETT Elara Max has high security standards and protective features that give you peace of mind. If you have to leave the system unattended at any time, you can lock it to prevent unauthorized access. In order to safeguard your system and patient health information against cyberattacks, MOBILETT Elara Max offers a comprehensive cybersecurity package including whitelisting, 90-days hotfixes, encrypted data storage as well as an advanced security package[1]. This helps you comply with regulations for keeping patient data safe, confidential, and intact.
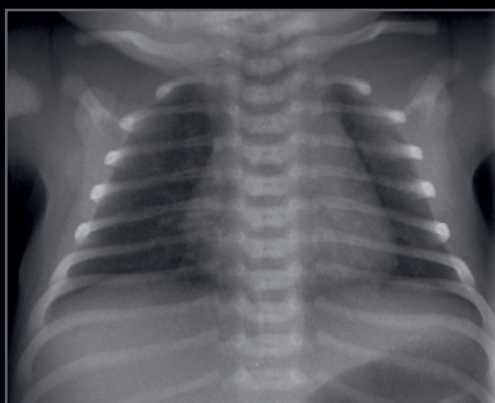
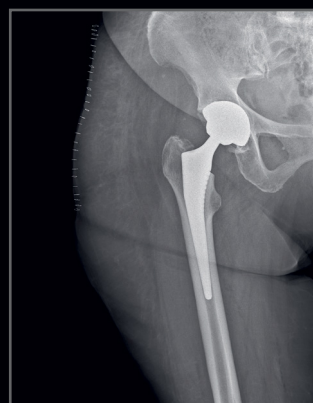[1]Option

See anatomical details with high image quality

To make fast and confident diagnostic decisions, you need high and reproducible image quality. MOBILETT Elara Max offers high-end imaging, automated workflows, and advanced postprocessing technologies.

Hand, d.v. view[1]: Bone structures sharp and clearly visible

Pediatric chest, a.p. view[2]: Small structures outlined at low dose and reduced noise

Postoperative hip joint with implant, a.p. view[1]: Diagnostically valuable results for dense organs

Enhanced contrast and a high level of detail visibility with DiamondView MAX

Without DiamondView MAX

With DiamondView MAX

Without DiamondView MAX

With DiamondView MAX

[1]Courtesy of Centre Hospitalier de Mouscron, Belgium
[2]The clinical image was acquired with Mobilett Mira Max. Similarities between relevant components and
 parameters mean that the image impressions here are comparable to those possible with MOBILETT Elara Max.

Service and exchange

Increasing value by partnering throughout the entire equipment life cycle

Equipment Maintenance & Monitoring

Reliably servicing your MOBILETT Elara Max allows you to identify deviations from current norms to maximize equipment availability.

Education Management

Personalized education and training improves your staff's expertise as well as your equipment efficiency.

Fleet Management

A transparent overview of your fleet allows you to manage the performance and maintenance of your Siemens Healthineers equipment, 24/7.

Accessory Solutions

Products from our partner companies complement your use of our equipment in your daily workflow.

Performance Management

An intelligible overview of your radiography performance data helps you make prompt and well-informed decisions.

Asset Management & Planning

Access to innovative medical technology and equipment throughout the lifetime of the entire contract allows you to maximize focus on patient care.

Business Modeling & Financing

Customized business and financial models address your budgetary and enterprise needs, enabling you to remain more competitive.

Departmental Layout Optimization

3D visualization and digital twin analysis create more efficient workflows and a more enjoyable working environment.

Continuously adding value and caring for your equipment, your staff, your fleet, your workflows, your department, and your entire institution.

Technical specifications

Discover how you can stand out from the crowd in mobile
X-ray imaging with MOBILETT Elara Max

157 cm (61.8 in)

Ergonomic design
with integrated cables,
smooth and closed surfaces

Unique MAXreach arm
for outstanding positioning flexibility

Status indicator lights
for a visual safety signal

High-contrast monitor
for improved visibility

Robust, compact and lightweight
for exceptional maneuverability

Intelligent charging concept
for ready-to-go detectors

Always ready
even when all batteries are empty

59.8 cm (23.5 in)

MOBILETT Elara Max

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MAX mini
is ideal for incubators
and extremities

MAX wi-D
is light, thin, fast

MAXswap
for advanced
detector sharing

DiamondView MAX
for enhanced contrast
and detail

syngo **FLC**
for an easy-to-learn,
common user interface

**Virtual workstation and
wireless connectivity**
for unrestricted data access

127.8 cm (50.3 in)

MOBILETT Elara Max is not commercially available in all countries. Due to regulatory reasons its future availability cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.

Siemens Healthineers pioneers breakthroughs in healthcare. For everyone. Everywhere. Sustainably. The company is a global provider of healthcare equipment, solutions and services, with activities in more than 180 countries and direct representation in more than 70. The group comprises Siemens Healthineers AG, listed as SHL in Frankfurt, Germany, and its subsidiaries. As a leading medical technology company, Siemens Healthineers is committed to improving access to healthcare for underserved communities worldwide and is striving to overcome the most threatening diseases. The company is principally active in the areas of imaging, diagnostics, cancer care and minimally invasive therapies, augmented by digital technology and artificial intelligence. In fiscal 2024, which ended on September 30, 2024, Siemens Healthineers had approximately 73,000 employees worldwide and generated revenue of around €22.4 billion.

Further information is available at www.siemens-healthineers.com.

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