

SIEMENS



Multix Fusion

Fits your needs. Fits your budget.

siemens.com/multix-fusion







Know how to meet your needs within your budget? Choose Multix Fusion.

Whether you're responsible for financial decisions or caring for patients, your routine radiography system simply has to fit.

That's what Multix Fusion is designed for. It fits your needs within your budget. It can be tailored to your requirements today and tomorrow. It allows you to work efficiently, see images in outstanding quality, and reduce dose – day after day. And it helps you increase throughput and get more from your investment over the long term. In short, it simply FITS – in every way:



F **I** **T** **S**

Attractive Family Variants

Impressive Image Quality

Excellent Throughput

Proven Sustainability



“Our examination room had some limitations, but Multix Fusion fits perfectly in our room, thanks to excellent planning.”

Rong Zhang, Radiographer,
Changzheng Hospital, Shanghai, China

Tablet and/or tablet functionalities are not part of the system.

Family variants for a system that just FITS

A radiography solution that precisely fits your work environment

With an attractive array of options and devices, Multix Fusion can be tailored to your individual requirements, today and in the future. Even our analog version comes with an upgrade path to digitize whenever you decide to. And the best way to start is to choose the right detector configuration for your specific needs:

Wireless detector – flexible and convenient

Multix Fusion's detector with Cesium Iodide (CsI) scintillator material provides a significant reduction in dose compared to CR cassettes – without compromising image quality.

- **Wireless 35 cm x 43cm detector** – delivering unmatched positioning flexibility, for example, for free exposures
- **Lightweight and thin** – only 3.5 kg and just 16 mm thin
- **High resolution with optimized dose** – 7.6 million pixels provide brilliant images

Fixed detectors – always ready for quick exams

Multix Fusion can be optionally equipped with fixed detectors for table and/or Bucky wall stand, eliminating the need to rotate and change detectors between examinations and the risk of dropping.

- **43 cm x 43 cm fixed detector** – up to 23% more coverage* eliminates the need to rotate the detector
- **Automated movements** – tube automatically follows detector movements when the detector is in the vertical or horizontal plane
- **Patient- and user-friendly** – supplied with easy grid removal, IONTOMAT chamber, and support handles
- **Flexible usage** – tiltable Bucky wall stand +90°/-20° with detent at 0° and 90°

* compared to 35 cm x 43 cm detector



Image quality that FITS virtually any clinical need

Superb image quality at low dose

Multix Fusion's proven hardware lets you easily achieve excellent image quality – and our superior image processing software enables you to achieve it at very low dose. Backed by intelligent workflow support, this gives you reproducible results and a great basis for confident diagnosis.

High-end detectors – crystal-clear images

Multix Fusion's detectors combine excellent image quality and low dose.

- **high pixel count** in its class
- **Cesium Iodide (CsI) scintillator** material allows significant dose reduction compared to CR systems – without losing image quality
- **Seamless integration** of wired as well as wireless detectors into table and Bucky wall stand

DiamondView Plus – excellence as standard

Siemens' unique post-processing solution that automatically improves image contrast and detail, for outstanding image quality in all kinds of radiography exams.

- **Facilitates diagnoses** – reduced noise, improved bone detail and soft tissue contrast, without increasing dose
- **Automated image processing** – pre-defined settings based on the organ program to see even the smallest details

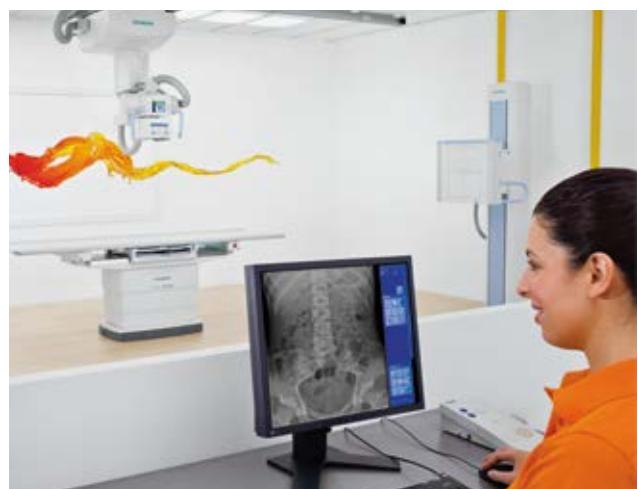
“One of the nice things about this system is the image quality. The **detail is very sharp, far better than any other equipment I have ever used.”**

*Anika Kind, Chief Radiographer,
University of Zurich, Switzerland*

syngo FLC imaging system – proven user interface

A fully-digital, one-stop system that manages your entire examination workflow, from registration and examination to post-processing and documentation.

- **syngo® look and feel workstation** – intuitive and easy-to-learn user interface helps to reduce the risk of user errors
- **One user experience** – optimized for one image impression on all radiography, fluoroscopy, mobile and Twin Robotic X-ray systems from Siemens



Excellent image quality in radiography



Improved contrast and detail with DiamondView Plus

Without DiamondView Plus



With DiamondView Plus



Unlock the unseen diagnostic potential in chest reading

ClearRead Bone Suppression™: *

An advanced image enhancement technology that automatically and dose-neutrally suppresses bones on digital chest X-rays.

ClearRead + Detect™: *, **

An advanced computer-aided detection technology that dose-neutrally identifies potential lung nodules of 9–30 mm***.



*available as option / **requires ClearRead Bone Suppression™ / ***Riverain Medical FDA PMA Clinical Trial, MA no. P000041/S011

Throughput on a new level with a workflow that FITS

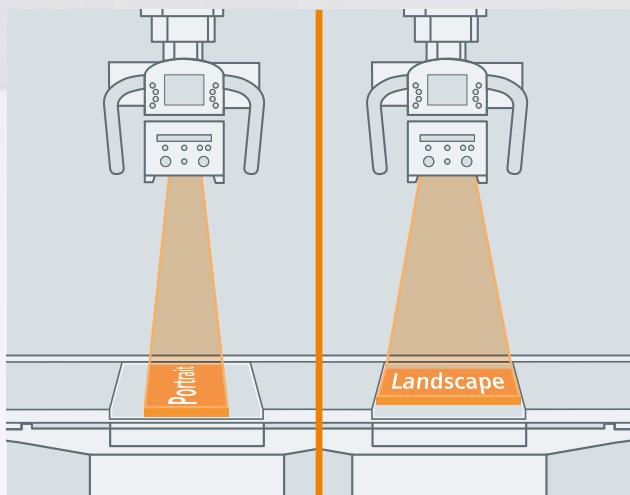
Save time with intelligent support features for recurring steps

Multix Fusion optimizes your throughput by assisting you in daily routines: With tube positioning or collimator adjustment, it significantly improves the efficiency of your entire exam workflow.



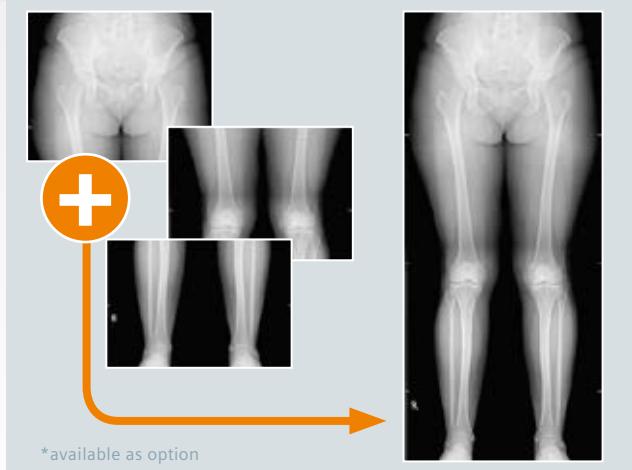
Automated Collimator Size Sensing (ACSS):

Whether you use small cassettes or a full-size detector – Multix Fusion detects the size and adjusts the collimator accordingly.



GuidedOrtho*:

Expand the application range with GuidedOrtho for special orthopedic exams, including the stitching of long leg or complete spine images.



Ergonomic table with wireless or fixed detector* – excellence in patient positioning

The Multix Fusion table is designed to make life easier for your team and your patients.

- **Same table as our high-end Ysio Max system** – free-floating and height-adjustable
- **Low table height of 52 cm/21"** – easy patient access
- **High patient weight capacity of 300 kg/660 lbs** – for the small, the tall, and the heavy
- **Extraordinary 190 cm/75" coverage** – with no need for repositioning

Easy-to-position tube – excellence in patient coverage

No matter where your patients are: reach the desired position with smooth and easy operation.

- **Impressive 180 cm vertical movement** – clear down to your patients' feet
- **Robust and resilient ceiling stand**
- **Tube automatically follows detector** in table or Bucky wall stand

Automated movements – speed up your routine

Multix Fusion comes with intelligent system features for easier positioning and faster examinations.

- **Auto-tracking for tube and detector** – keeps the source-to-image distance (SID) constant during height adjustments
- **Easy activation** – auto-tracking can be set on color touch display and syngo FLC with one click
- **Enhanced automation** – works in table and Bucky wall stand

*available as option



“ The Multix Fusion touchscreen is really helpful and perfectly fits in situations where adjustment of important settings like kV and mAs needs to be done on-the-fly. ”

*Anna Schiefer, M.D., Pediatric Radiologist,
Klinikum Nuremberg Sued, Nuremberg, Germany*



“ We are *very satisfied* with the service provided by Siemens. In all aspects including *product consultation, delivery, and installation.* ”

*Anna Cahalin, Radiographer,
East Cheshire NHS, United Kingdom*

Sustainability that also FITS tomorrow

An X-ray system designed to fit your current and future needs

Multix Fusion is about matching your needs within your budget, now and in the future. It easily fits in your existing rooms – its space-saving dimensions, high-end components, convenient upgrades, and first-class service enable a long system life and high uptime.

Small footprint – save precious room space

Despite its flexible configurations, Multix Fusion is also compact and versatile.

- **Amazingly small footprint** – fits into virtually all existing X-ray rooms
- **Easy, time-efficient installation** – cut costs even more
- **Combined with lean imaging system** – one monitor, mouse, keyboard, that's it

Wireless upgrade for analog model – convenient upgrade concept from Siemens

Do you prefer to start with an analog version of Multix Fusion and want to go digital later? No problem: You decide when the time is right.

- **Superior image quality** – benefit from a lower dose compared with analog or CR cassettes
- **Optimize your productivity** – eliminate the manual documentation of dose parameters
- **Realize your investment with confidence** – tailored service solutions from Siemens
- **One partner, one solution** – you can trust Siemens' well-known quality and upgrade whenever you like

Seamless PACS integration – full DICOM connectivity

Benefit from a seamless integration of Multix Fusion with existing HIS/RIS and PACS systems at your institution.

- **Easy to communicate** – it's easy to store and retrieve images via DICOM interface
- **Ready for syngo.plaza*** – combine Multix Fusion with Siemens' PACS solution *syngo.plaza* for high-throughput reading, storing, or archiving images in your daily routine

*available as option





*available as option

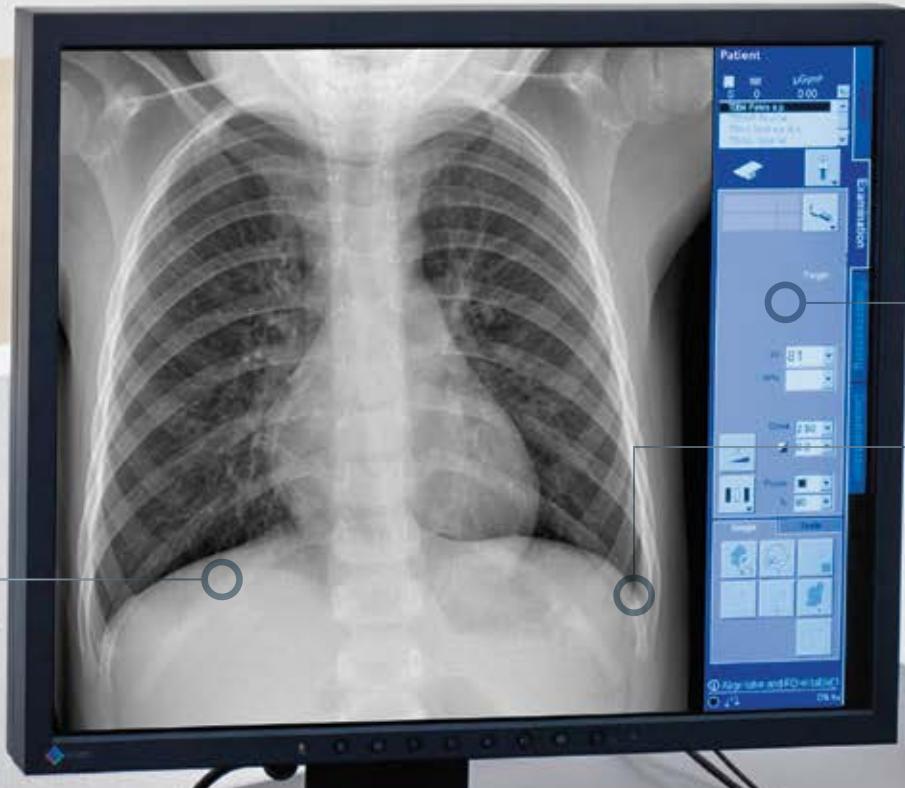
Multix Fusion

Fits your needs. Fits your budget.

Fixed 43 cm x 43 cm detector in BWS*
always ready for quick examinations
and optimized for patient throughput

Grid options, filters, and more
for intelligent dose reduction

Ergonomic table with fixed detector*
designed to make life easier for your
team and your patients



Intuitive user interface
proven and easy-to-learn

Excellent image quality
in routine radiology

Experience why detail matters.

Worldwide, the name Siemens is synonymous with high quality and technology leadership. Our medical systems are backed by more than 125 years of experience. And we are proud to say that our Multix brand has been known for its reliability for more than 80 years.

Our interpretation of good service enables you to confidently perform your daily work without worrying about the reliability of your X-ray system. We provide you with everything you need – from 24/7 service availability with fast response times to remote assistance to improve your workflow in real time.* Our service contracts are designed to optimize your system utilization at predictable lifecycle costs – or in short: We provide you with service that simply fits.

Multix Fusion: because detail matters.

A system that pays off

Multix Fusion offers many features that are designed to improve efficiency and throughput, including:

- Automated system movements
- Automated quality and dose reporting
- Digital data transfer via DICOM

In a nutshell, time is money, and thus the efficiency of Multix Fusion contributes significantly to its low total cost of ownership. All these benefits are packed into an ergonomic system that is simply a pleasure to work with – which also proves very valuable for your staff.

To sum up: Multix Fusion perfectly fits your needs within your budget.



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

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The statements by Siemens' customers described herein are based on results that were achieved in the customer's unique setting. Since there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT adoption) there can be no guarantee that other customers will achieve the same results.

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Siemens Healthcare Headquarters

Siemens Healthcare GmbH
Henkestraße 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
siemens.com/healthcare