

AXIOM Multix M

AXIOM Multix M is the universal digital radiography system for all standard examinations, from the head to the spine, abdomen, and extremities. It is an ideal solution for hospitals of all sizes.



- Versatile system with mobile Flat Detector
- Unique bi-directional detector insertion
- Brilliant image quality – even fine details are clearly visible
- Provides a number of dose-saving features

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AXIOM Multix M - Business

The AXIOM Multix M System Family

The variable AXIOM Multix M system family offers an excellent price/performance ratio and the right solution for every customer requirement.

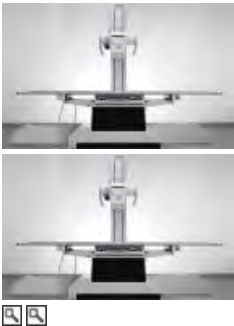
AXIOM Multix MT (TOP)

AXIOM Multix MT is a truly versatile radiography system with a ceiling-mounted support, height-adjustable table, as well as electronic tomography (option). The ceiling-mounted stand allows optimal access to the patient from all sides.



AXIOM Multix MP (PRO)

AXIOM Multix MP is the floor-mounted stand version of AXIOM Multix M. AXIOM Multix MP supports a wide range of in-bucky and out-of-bucky applications.

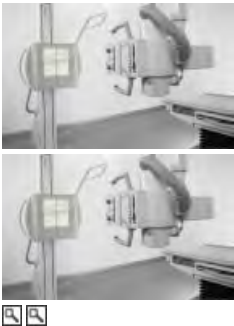


Upgrade

The upgrade-version AXIOM Multix MU is available for the conventional MULTIX TOP and MULTIX PRO systems. The analog systems MULTIX TOP and MULTIX PRO can be upgraded with the detector and the imaging system. With the POLYDOROS IT as generator, the AXIOM Multix MU offers the same possibilities as the AXIOM Multix MP or MT.

Smart System Function - the Wall Stand

A wall stand that also uses the table detector can be added to all AXIOM Multix M system family members. With the wall stand, the height movements of the detector tray follows - only with option tracking - the tube: a real time-saver in the daily work routine.



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AXIOM Multix M - Clinical Application

Patient Well-being and Procedural Convenience

AXIOM Multix M offers multiple healthcare benefits for both patients and staff alike. The most obvious: with the immediate availability of digital images, radiographic examinations are generally conducted much faster. This is particularly crucial for examinations where time is critical. Consider cases where a thorax examination must be conducted before emergency surgery can be performed. But also with exams involving small children – you will be happy to get them back into the arms of their parents as quickly as possible.

Fewer Retakes - Less Dose Exposure

AXIOM Multix M's integrated imaging technology is digital, i.e., designed to significantly reduce the number of retakes. Fully digital images can, if necessary, be immediately processed for optimization. This results in far fewer over- and underexposures than with conventional film-based exposures. Patients, on average, are also subjected to fewer exposures, or to put it another way, to less dose. Clinical staff, on the other hand, can tend to more urgent matters than to film handling.



Bringing the Detector to the Patient

By bringing the slim detector (23 mm thin) to the patient and, if necessary, placing it under him/her, as well as extending the x-ray tube out over the table, patients can be examined directly in bed, on the stretcher or in the wheelchair. A highly efficient option indeed, particularly when needing to examine immobile patients. Patients and staff alike will welcome the added convenience.



Bi-directional Detector Insert

Depending on examination requirements, insert of the detector into the table tray is possible from both the front and back of the table, thereby providing you more options for organizing your personal working environment. Detector insert into the detector wall stand is also possible from the left as well as the right side.

No Over- or Underexposures Anymore

AXIOM Multix M features a surprisingly wide dynamic range, comparable to that of a film speed. Thanks to specially developed software algorithms, AXIOM Multix M is capable of accurately depicting even the most difficult to capture areas of the human anatomy.

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## AXIOM Multix M - Operational

### Ease of Operation

AXIOM Multix M always keeps practical requirements in mind. From its ergonomic compound table to the handy detector and optional system configurations, the system sets the standard for ease of operation.

### A table is not Just a Table

The floating tabletop of AXIOM Multix M with its motorized height adjustment is a noteworthy medical engineering feat in and of itself. A model of maneuverability, the table is designed to accelerate patient flow and make examinations in the Radiology Department simple and comfortable. Built sturdily, it can easily handle examinations of patients weighing up to 227 kg (500 lbs).



### A Unique Feature of all AXIOM Multix M Systems - Tomography\*

AXIOM Multix M enables quick, automatic electronic tomography procedures at variable heights of between 3 mm and 250 mm. Tomographic parameters such as tomo-angle, exposure time and height can be selected directly at the tube support (AXIOM Multix MT only).



### Intelligent System Functions

AXIOM Multix M has numerous intelligent system functions for rendering routine work steps simpler and more comfortable. One example is tracking (AXIOM Multix MT only). The film-focus distance (FFD) remains constant during vertical table travel or when adjusting the height of the detector tray on the wall stand – saving time in your daily routine.

\* Option

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## AXIOM Multix M - Technical Specifications

### A System With Versatile Detector and Advanced FD Technology

Since the invention of the flat detector, Siemens has been at the forefront of FD technology in constant pursuit of superior image quality.

#### Detector Dimensions for the Full Radiography Spectrum

Measuring a mere 23 mm (0.9") in thickness, which is hardly thicker than cassettes, and weighing only 4.8 kg (10.6 lbs), AXIOM Multix M's full format detector features an imaging area of 35 cm x 43 cm (14" x 17"), the same as the largest conventional film format. AXIOM Multix M also allows for both landscape and portrait format positioning, thereby easily handling overview exposures of the chest and spine.



#### DICOM Support

AXIOM Multix M is designed to support DICOM services, allowing for seamless integration into the existing information systems of your hospital's IT landscape (e.g. HIS, RIS, PACS). Combined with Siemens Entry PACS, for example, AXIOM Multix M opens up a world of archiving opportunities, including a variety of data management and viewing options. The DICOM standard interfaces provide a common image and data platform. As a result, communication of examination results within the internal networking systems and beyond is greatly facilitated.

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