
#RSNA14: Siemens Upgrades Mobilett Mira X-ray System



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- Digital mobile X-ray system with interchangeable detectors
 - New areas of application, such as neonatal
 - Improved user-friendliness thanks to new functionalities

Siemens introduced its Mobilett Mira Max at the 100th annual meeting of the Radiological Society of North America (RSNA) in Chicago. This digital mobile X-ray system, developed for both versatile everyday use and for demanding clinical situations, delivers high-image quality, the company said.

The proven mobile X-ray system Mobilett Mira is now available as new version with the MAX (Multiple Advances in X-ray) functionality, defining functions that support users in their everyday work (MAX assistance) and have a positive effect on image quality (MAX detection).

"Today, mobile X-ray systems have to meet the highest demands in terms of user-friendliness and image quality – and with Mobilett Mira Max we have developed the right system for the job," said André Hartung, CEO of Siemens Healthcare's X-ray Products (XP) Business Unit. "With the MAX functionalities, we fully meet the wishes of our customers."

Clinical staff often have to move mobile X-ray systems around and adjust their position, so ease and speed of operation are essential. This is where the advantages of MAX assistance are clear, the manufacturer said, citing these key product features:

- Special tube arm - this offers nearly unrestricted visibility even while the system is being moved. The tube arm can also be rotated 180 degrees, enabling it to be conveniently positioned at the patient's bedside;
- Integrated detector holder - designed to enable the operator to manoeuvre the system with convenient foot space;
- PIN code option - allows the operator to lock and unlock the system, making the need for a physical key redundant;
- Additional lock function - protects patient data against unauthorised access while also preventing the system from being moved unintentionally and X-ray being released.

At about 375kg, Mobilett Mira Max is one of the lightest devices in the digital mobile X-ray segment, Siemens noted. To ensure that the mobile system can be used at any time, Mira Max runs on batteries but can be switched to an external power supply. This means that X-ray images can be generated immediately, even if the system batteries run out of power.

For even higher image quality than previously available, Siemens provides two new detectors for Mobilett Mira Max with the MAX detection function. The extra-compact MAX mini detector (24cm x 30cm), for example, is ideally suited for examinations in an incubator or of smaller joints. On the other hand, the MAX wi-D detector (35cm x 43cm), which is automatically recharged on the system during transportation, is often used to take chest and lung images in intensive care wards. The latest generation of detectors, combined with 35 kilowatt of generator power and the proven DiamondView Plus image processing software, delivers high-resolution images that are comparable in quality to those of stationary X-ray systems, Siemens said.

The company said the new MAX functions are currently available on the systems Ysio Max (radiography), Uroskop Omnia Max (urology), and Luminos dRF Max and Luminos Agile Max (fluoroscopy).

Source: Siemens AG
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