

MobileDaRt MX-8

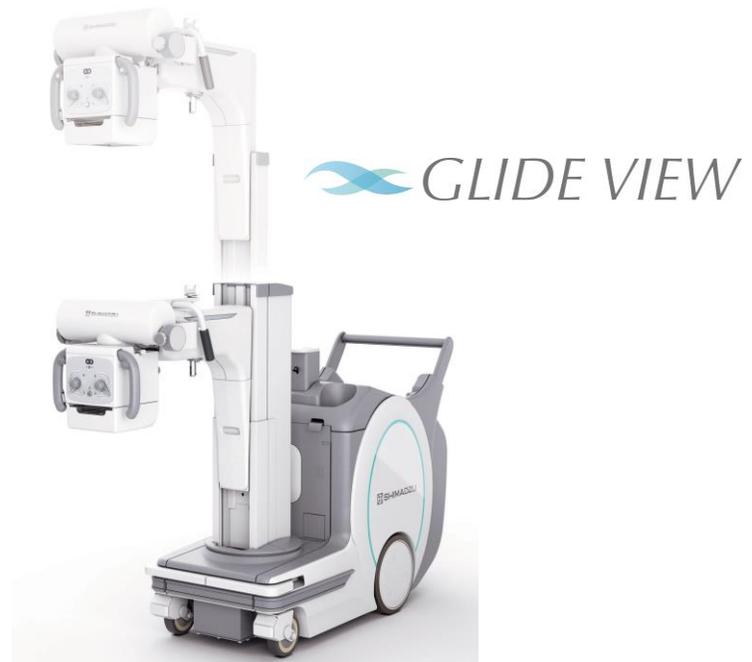
Executive Summary

Features

Options

MobileDaRt Evolution

MX8^{Version}



Background

Shimadzu Corporation was founded in Kyoto, Japan in 1875. In 1896, just 10 months after Roentgen generated his first X-ray, Genzo Shimadzu exposed his first X-ray. That event led to the development of Shimadzu Medical Systems and today, 123 years later, we continue to develop state-of-the-art medical X-ray technologies that provide superior image quality, intuitive workflow and unmatched system reliability.

- Shimadzu developed the world's first Digital Flat Panel mobile x-ray system in 2005 (MobileDaRt) and recently released the 8th generation mobile system, the MobileDaRt Evolution MX8. This feature rich system aids staff in improving departmental efficiencies.
- The MX8, except for the panel, is completely manufactured at Shimadzu's facility in Japan and is not a relabeled system (made elsewhere by a 3rd party company with a Shimadzu label in place).
- Shimadzu adheres to a very strict quality control standard to ensure that reliability is paramount, and downtime minimized beyond industry standards (Shimadzu means X-ray =

Features

- Two-second image capture acquisition
- Adjustable irradiation field controls located on both the front and rear of the collimator provide efficient system operation (and industry first)
- Inch-mover feature provides precise bedside positioning of the mobile unit using controls on the collimator face
- Wireless exposure switch allows the technologist freedom to be either next to the patient or further away for safety.
- The MX8 is designed for everyday use with ample bins to hold markers, wipes and other accessories.
- A lockable FPD bin (making them theft proof)

MobileDaRt MX-8

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Reliability). As of April 2020, Shimadzu has sold more than 5,000 MobileDaRt Evolution series worldwide, where they have earned a strong reputation.

- The MX8 is DR detector neutral, allowing customers the ability to select a detector from several leading manufacturers (Canon, Fuji or Konica). Shimadzu provides customers help to determine which detector and software is best suited for their department.
- The MX8 is extremely easy to operate and navigate from room to room and into challenging locations. Dual drive motors allow for fingertip control and the physical “footprint” is compact making in-room navigation easier for the technologist.
- The system features **GLIDEVIEW**, a collapsible column that is operated effortlessly by proprietary technology and does not require battery power, thus eliminating electromechanical problems that typically happen during exams. With the X-ray tube column collapsed, the operator has a 360° unobstructed view of the surroundings.



MobileDaRt
5000
units



Features

Options

- 3,500 images can be stored onboard to quickly reference prior patient studies
- Easily accessible power plug below the handlebar, provides convenient charging
- Soft touch bumper system stops unit immediately, and prevents damage if the unit encounters an object
- The systems are pre-wired to accept the optional wireless patient ID barcode reader, optional user ID barcode reader, and optional remote monitor.

Options

- Adjustable height drive handle provides for a more comfortable operation
- Keyless entry
- Wireless patient ID barcode reader
- Wireless user ID barcode reader
- Grid line exclusion software
- A second monitor connector is available to plug in when a larger audience needs to review the image
- In-bin charging of the flat panel detector is possible, eliminating separate charging from the mobile

