

MobileDaRt

Canon's CXDI-50G Portable Imaging Solution



CANON'S INNOVATIVE FLAT PANEL DETECTOR (CXDI-50G) measures 14 x 17 inches (35 x 43 cm) and weighs 10 lbs (4.8 kg), making it an extremely versatile receptor. Its universal size makes it equally adaptable to handling chest and abdominal exposures as well as lateral or axial imaging of limbs. The amorphous silicon (a-Si) detector, with a pixel width of 160 μ , delivers high resolution diagnostic images in 12-bit grayscale.

MobileDaRt



Shimadzu Medical Systems
www.shimadzumed.com
www.shimadzu.com

20101 South Vermont Avenue
Torrance, California 90502 USA
310.217.8855
Fax 310.217.0661

3091 Mayfield Road, Suite 412
Cleveland Heights, Ohio 44118 USA
216.320.1349
Fax 216.320.1281

10625 Newkirk, Suite 500
Dallas, Texas 75220 USA
972.869.4228
Fax 972.869.4240

Specifications and features are subject to change without notice.

MobileDaRt

 SHIMADZU



Mobile Direct Capture (a-Si) Radiographic System



The Mobile DaRt represents an evolutionary change in mobile diagnostic imaging equipment and procedures. Designed using Shimadzu's field proven, clinically acclaimed, mobile radiographic system (the Mobile Art Plus and Canon's latest portable Flat Panel Detector, the CXDI-50G) is truly a Best-In-Class product, able to meet the most demanding of today's procedures and requirements for both routine and non-routine mobile imaging.

smaller, smarter, with supe

The Mobile DaRt is the world's first certified and functional mobile Direct Capture radiographic system.

Designed to be utilized wherever radiographic exposures are required in an institution, the Mobile DaRt is as comfortable in an ER/Trauma department as it is doing the early morning rounds.

Time consuming and difficult trips back and forth to reload cassettes and process film are no longer required. Shimadzu's Mobile DaRt, with the integrated Canon portable Flat Panel Detector,

requires no film, no processing and gives low resolution images in under 5 seconds, to be immediately approved or rejected, simplifying any department's workload.



stronger superior results



Superior system mobility and the mechanical flexibility of the Mobile DaRt gets your team anywhere they need to be, regardless of location. The portable Flat Panel Detector, with a large imaging area and lightweight design, steps in to give superior imaging instantly, regardless of anatomical positioning and/or patient status. Panel placement to patient is the same as using traditional cassettes and, like traditional mobiles, when exposures are completed the panel drops into its own protective drawer mounted on the Mobile DaRt unit, ready to move onto the next study or emergency.

Standard Features of the Mobile DaRt include the “Inch Mover” controls allowing forward/reverse movement from collimator face console, exceptional tube arm reach with up to 1200 mm and $\pm 270^\circ$ rotation, front safety bumpers with pressure sensitive switching and the most compact and rugged mobile design in the industry.

Canon's rugged LANMIT 4 portable Direct Capture can be easily handled and positioned for any examination.



Easy to see, easy to use touch screen technology allows users to quickly select exposure parameters and review the low resolution image presented on the 15" screen. Generator controls, APR selections and mains key switch make the Mobile DaRt a powerful, clutter-free mobile radiographic system.



Top side of the Mobile DaRt showing the fully integrated Canon CXDI-50G processor's Touch Screen Control Console.

Shimadzu's innovative design, integrating Canon's CXDI-50G Direct Capture imaging processor and detector into the industry's best accepted mobile radiographic system, gives institutions the upper hand in flexibility and versatility. Exceptional maneuverability, along with a wide variety of features, such as the auto spool Ethernet cable for DICOM 3 protocol transmission, will make the Mobile DaRt the envy of any department requiring fast, exact anatomical exposures.



The auto spool Ethernet plugs into any DICOM 3 cable drop for bi-directional data transmission and reception.



The Mobile DaRt shown with the Flat Panel in and out of the protective drawer (mounted on unit back-side). It is also shown here with telescoping arm in various extensions within the unit's working radius.