MEDICAL SCIENTIFIC

DIARM™ MW

Mobile DR Suitcase System

DIARM™ MW   *Mobile DR Suitcase System*

The DIARM MW is a mobile acquisition workstation (AWS) that was developed to create a complete digital solution. In addition to the licensed X-ray acquisition software within a rugged notebook computer, the DIARM MW package includes a Wireless Flat Panel Detector that can be used together with any portable X-ray source.

The product is intended for use by X-ray technicians and radiologists, and allows immediate examinations under complicated field conditions such as search and rescue operations, combat actions and training activities, remote locations, long-distance naval missions, and other pre-clinical extraordinary situations.

An X-ray technician's mobile AWS is combined with a physician's review workstation in the DIARM MW providing the following functionality

- Receive data from a flat-panel digital X-ray detector
- Prepare lists of examinations
- View X-ray examination results
- Perform quick, precise and effective diagnosis
- Wide range of capabilities for review, analysis, transfer and storage of digital images
- Print images with a thermal printer

All of the essential parts of the DIARM MW are in a waterproof, shock resistant plastic case. This case is equipped with wheels for transportation, a retractable handle, a pressure valve and hand-carry handle. The transportable case also allows for travel across long distances and quick setup under field conditions.

A key feature of the DIARM MW is that it can be used with any X-ray system source made by various manufacturers allowing you to leverage your existing investments and supplier relationships.

List of components:

- Waterproof, shock resistant case (Ip67)
- Industrial notebook (15'' display)
- Detector holder with built-in grid
- 35x43 cm Wireless Digital X-ray Detector with capability for a wired connection if needed
- 2 batteries for the detector, together with a charging station
- Wireless mouse
- 10 CD-R disks for data export
- USB connector for copying data onto flash storage
- Capability for both Wireless and Ethernet connected PACS

All connections with the notebook (power supply, USB-ports, Ethernet) are made through a port replicator installed in the case, allowing the user to quickly remove and reconnect the notebook when necessary.

Dimensions:

- External dimensions of the system (length x width x height): 680x680x260 mm
- Weight: not more than 35 kg (depending on configuration)

Raised structure of the case design provides additional reinforcement enhancing its shock resistance

$\mathsf{C}\mathsf{E}$

2018 rev.1

$\mathsf{C}\mathsf{E}$