
Wireless Flat-Panel Detector Launched for Shimadzu Digital X-Ray



Shimadzu, a worldwide manufacturer of diagnostic imaging equipment, has introduced the first wireless flat-panel detector (FPD) for its mobile, fully digital X-ray system *MobileDaRt Evolution*. It has been designed to better enable X-ray personnel to act more independently when taking x-ray images onsite – for instance in radiology, on the ward, in emergency rooms, traumatology, orthopaedics, or paediatrics. In addition, it simplifies sterilising the detector due to the lack of attached cables.

The FPD weighs 3.4 kg and can be easily positioned. Its field of view of 35 x 43 cm (14 x 17 inches) also covers larger examination areas. The caesium iodide (CsI) scintillator combines high sensitivity with the lowest-possible radiation dose and thus reduces patient exposure. The resolution of 2,800 x 3,408 pixels provides sharp images in excellent quality.

The wireless flat-panel detector is suitable for general radiography. Hospitals already using a *MobileDaRt Evolution* can have it refit to wireless detectors. Apart from its application with the *MobileDaRt Evolution* system for mobile x-rays, CXDI-70C can also be connected to a RADspeed DR. The RADspeed series from Shimadzu includes floor- and ceiling-mounted systems for general radiography applications.

Published on : Mon, 9 May 2011