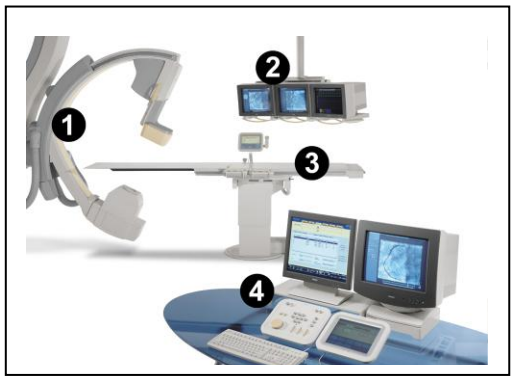
Fact Sheet: Allura Xper FD10 for Cardiac X-ray

DESCRIPTION

The Philips Medical Systems ***Allura Xper FD10*** imaging system is a complete cardiac X-ray lab used in a full range of diagnostic and therapeutic procedures. The system includes:

- **G-arm:** ❶ Ceiling or floor mounted G-arm housing X-ray tube and flat detector. The arm can be positioned for a full range of viewing angles.



- **Monitors:** ❷ View live and stored X-ray images.
- **Cardiovascular table:** ❸ Carbon fiber, radiolucent patient support, with integrated system controls.
- **Viewing console:** ❹ Workspot to view, process, and archive X-ray images.

KEY FEATURES / FACTS

- **X-ray Imaging Chain:** Optimized system combining: X-ray tube, spectral filter, Flat Detector, and Progressive Display monitors for high quality imaging in a wide variety of clinical applications.
- **Flat Detector:** A key component of the Imaging Chain. The flat detector is a new, state-of-the-art digital imaging technology, replacing the image intensifier, allowing for a more compact design, improved image quality and image resolution.
- **Dose Management:** The most appropriate image quality is provided for all clinical applications at the lowest possible X-ray dose.The comprehensive suite of technologies includes beam filters and real-time dose indicators. MRC X-ray tube enables maximum X-ray beam filtration to further reduce dose.

- **G-arm capabilities:** Unique G-arm design provides a wide range of viewing angles for all patients. Ceiling or floor mounted configurations allow for maximum room layout flexibility and patient access. *BodyGuard* technology senses and adapts to actual patient size to prevent contact.

- **Table capabilities:** 495 pound weight capacity with additional 220 pound support in case of CPR. *SyncraTilt* option allows the stand and table movements to be synchronized.

- **Data and Image Management:** IHE (Integrating the HealthCare Enterprise) Year 3 compliant connectivity with DICOM (Digital Imaging and Communications in Medicine). DICOM is the recognized standard for medical images, enabling images and data to be shared on hospital information networks.

CLINICAL AREAS OF USE

- **Applications:** Diagnostic and therapeutic cardiac catheterization exams. Cardiac focused configuration employs a 7” by 7” flat detector. Typical procedures include: diagnostic angiograms, angioplasty and stent placement.

- **Specialties:** Cardiac catheterization procedures are typically performed by Interventional Cardiologists – sub-specialists within cardiology with special training in catheter-based diagnostic and interventional procedures.