

- > Rad Rooms
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- > Mobile C-Arms
- > Angiography / Cardiovascular

➔ Da Vinci



Solo



Verso



Duo

Da Vinci: The Complete

2 detectors, 3 stands, endless possibilities



Da Vinci Solo



Da Vinci Verso



Da Vinci Duo

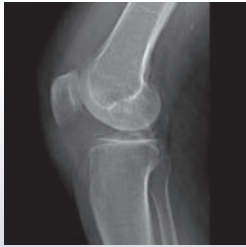
Amazing image quality
Incredibly low dose

Apelem's Da Vinci product line includes three different stand solutions, the Da Vinci Solo, the Da Vinci Verso and the Da Vinci Duo.

Each of these three configurations can be equipped with a flat panel digital detector (Pixium 4600) and/or a portable flat panel detector (Leo), making it possible to offer the best adapted solution to practitioners seeking the benefits of DR - **better image quality, improved workflow and cost savings** (no more cassettes!).

Range of DR Solutions

es



➔ Improve your workflow!

The Pixium 4600 and the Leo combine amorphous silicon technology with a Caesium Iodide scintillator which means that they are **extremely reliable** and capture twice as much information as other detector solutions, while at the same time keeping the patient radiation dose low.

The Pixium 4600

- The large square size (43 x 43 cm / 17" x 17") meets all exam requirements (chest, abdomen, extremity and skeletal examinations) without requiring detector rotation.
- With a pixel size of 143 µm and excellent DQE, image quality is excellent.
- Its exceptionally large range (14 bits/16,000 grayscale) ensures that all the relevant information for diagnostics is available with one exposure.

The Leo portable detector

Apelem's portable flat panel detector, the Leo, seamlessly integrates into all of the Da Vinci systems. The Leo can pilot each of the three systems on its own or it can be coupled with the Pixium 4600 and integrated as a second or third detector to provide optimal versatility and workflow.

- The compact size and light weight make it easy to transport (36 X 43 cm / 4.8 kg) while still meeting the requirement for all exams (chest, abdomen, extremity and skeletal examinations).
- With a pixel size of 144 µm and excellent DQE, image quality is excellent.
- 16 bits / 64,000 grayscale.
- Detector recharges in the table and in the vertical bucky stand.
- Automatic motorised detector rotation controlled from detector tray and/or workstation (optional).
- Motorised exchangeable grid with automatic grid detection.



Pixium 4600



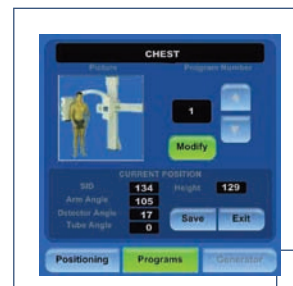
Leo



The Da Vinci Solo: M

The Da Vinci Solo is a universal U-Arm single detector DR solution perfectly adapted for general radiology, orthopaedics and trauma applications.

This extremely easy to install, cost-efficient system was designed to provide **optimum workflow with maximum space savings** for hospitals and clinics, as well as medical imaging centres interested in all the advantages of a DR system.



Remote control



Optional: elevating battery operated table

Maximum Flexibility in Minimum Space



Stitching optional



➔ Main features

- The detector can rotate for special procedures
- U-Arm makes cross table exposures easy
- Easy and quick patient positioning
- Intelligent anti-collision device ensures safety
- Auto-positioning linked to the RIS code, the APR and the Worklist (all movements motorised)
- Patient-side colour touchscreen for system control and patient data (kV, mA, ms, mAs)

➔ Possible configurations

Enjoy the flexibility of the Da Vinci configurations

- Da Vinci Solo (1 Pixium 4600)



Stand

- Da Vinci Solo L (1 Leo)



Stand or freestanding

- Da Vinci Solo + Leo (1 Pixium 4600 + 1 Leo)



Stand



Freestanding



The Da Vinci Verso: In

The Da Vinci Verso is an innovative multi-purpose single detector DR system designed to provide maximum versatility for general radiology, trauma and emergency applications.

The automated functions allow for a maximum number of exams in a minimum amount of time. The Da Vinci Verso provides all the benefits of a digital system, including increased workflow and excellent image quality.



Streamline Workflow With a Single Detector Solution



Stitching optional



➔ Main features

- Tilting vertical detector suitable for standing or lying-down exposures
- Available with fully motorised 5-axis ceiling suspension
- Auto-tracking and/or auto-positioning linked to the RIS code, the APR and the Worklist (all movements motorized)
- Innovative battery powered stretcher concept combining the advantages of a mobile table (wheels) and a fixed table (auto-tracking)
- Fully automated and piloted by an intuitive and easy-to-use interface
- Patient-side colour touchscreen for system control and patient data (kV, mA, ms, mAs, APR)



➔ Possible configurations

Enjoy the flexibility of the Da Vinci configurations

- Da Vinci Verso (1 Pixium 4600)



Stand

- Da Vinci Verso L (1 Leo)



Stand or freestanding

- Da Vinci Verso + Leo (1 Pixium 4600 + 1 Leo)



Stand



Freestanding



- Optimise versatility with the Leo. The Leo portable detector easily integrates into the Da Vinci system as a 2nd detector.

The Da Vinci Duo: Th

The Da Vinci Duo is a double detector system that meets the most demanding requirements of hospitals and large x-ray departments by providing maximum patient workflow.

The Duo includes a vertical stand, an elevating floating top table and a ceiling suspended x-ray tube. This configuration can be used for all types of RAD rooms and is perfectly adapted to emergency and trauma room needs.



The Ultimate Solution For Efficiency and Workflow



Stitching optional



➔ Main features

- Carbon fibre elevating table
- Available with fully motorised 5-axis ceiling suspension
- Auto-tracking and/or auto-positioning linked to the RIS code, the APR and the Worklist (all movements motorised)
- Fully automated and piloted by an intuitive and easy-to-use interface
- Patient-side colour touchscreen for system control and patient data (kV, mA, ms, mAs, APR)



➔ Possible configurations

Enjoy the flexibility of the Da Vinci configurations

- Da Vinci Duo (2 Pixium 4600)



Table

VBS

- Da Vinci Leo (1 Leo)



Table, VBS or freestanding

- Da Vinci Fusion (CR + 1 Pixium 4600)



Table

VBS

- Da Vinci Fusion L (1 Leo + 1 Pixium 4600)



Table or freestanding

VBS

- Da Vinci Duo + Leo (2 Pixium 4600 + 1 Leo)



Table

VBS

Freestanding



- The Leo detector can be added to the system as a third detector, making it the ideal solution for maximum throughput.



Da Vinci View, Putting

Da Vinci View is part of Alliance, Apelem's universal software platform featured on Apelem's complete product range designed to provide a user friendly intuitive interface and enhance workflow.

Reports/Archiving
Image transfer to PACS



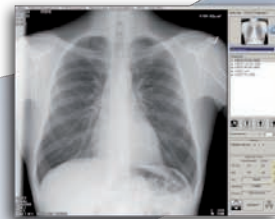
■ Patient ID



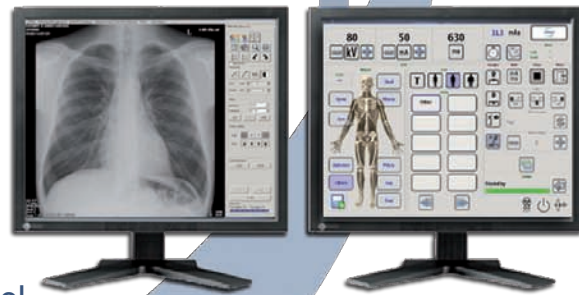
■ Exam Room



Management control



■ Acquisition



■ Image Processing

Workstation and generator touchscreen for the Da Vinci System

- Programmable protocol for all exams including: generator data, stand position, collimator setting including filter and exam workflow management.

- Management control: accessible and adjustable from the stand and/or the control room.

Everything at Your Fingertips

➔ Main features

- Full DICOM 3 capability/RIS/IHE/HL7
- Dedicated generator/touchscreen control
- GOP™ Enhancement Image Software
- DAP (Dose Area Product Meter) interfaced to patient database
- User profiles with personalised settings for all parameters
- Special software for workflow management
- Fully automated collimator with automatic filter selection (option)
- Automatic grid indication with motorized grid ejection
- Optimised dose reduction



Touchscreen specifically adapted for the Da Vinci Solo

Da Vinci View Special Features

- Auto cropping
- Index Exposure
- Intelligent “delete” feature

GOP XR1™ : visual and intuitive method to optimise image processing and dose

CONTEXTVISION 
IMAGE IS EVERYTHING

- Achieve excellent image quality
- Fast and easy image evaluation
- Allows users/operators to do personalised image processing with an easy point-and-click approach
- Effective noise suppression, edge and contrast enhancement and dynamic range compression
- Improved diagnostic value and higher throughput (patient workflow)
- Customised treatment for each body part



Treated



Untreated



Headquarters : Parc de la Méditerranée - District de Montpellier - 34470 Pérols - France
Tel. +33(0)4 67 50 49 00 - Fax. +33 (0)4 67 50 49 09 - export@apelem.com - www.apelem.com

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