



VILLA
SISTEMI
MEDICALI

Radiological Systems

Apollo

Remote Controlled R/F System



Radiological
Systems

Apollo is the next generation remote controlled RF system from Villa Sistemi Medicali, designed for maximum patient throughput and application flexibility. Four sides open access and the industry lowest tabletop height will ease patient loading operations, as well as procedures requiring support personnel to operate in the table area.

wide scope of application

Wide scope of application

The advanced design of Apollo provides unsurpassed application flexibility for every need of radiographic and fluoroscopic procedures.

Complete patient exploration can be performed without longitudinal patient movement by the large column scanning range; the large tabletop with wide radio-transparent area gives extra lateral coverage; chest exams are possible thanks to the continuously adjustable source to image distance, up to 150cm; loaded ankles can comfortably be executed with the table

in vertical position; optional stepping movement can be supplied for peripheral angiography; tilting column allows to take oblique projection at both edges of the tabletop; fully electronic bi-directional tomography without connection bar, can be performed on film and digital mode.

Low weight and compact design and fully symmetrical movements, such as 90/90° tilting, break every installation barrier and allow to get the best out your room in every operating environment.

Full patient coverage

without repositioning is guaranteed by the wide scanning range in every position of the table, from 90° vertical, to -90° Trendelenburg.

The powerful spot film device with line and cross divisions will fit every application need. A servo-driven cassette loading and unloading mechanism speeds up this frequent operation. All table movements can also be activated via the table side keypad to improve efficiency during the patient preparation phase.





The wide movement range provides an unsurpassed scope of application to your RF room. Chest exams with 150cm SID, or loaded ankles can easily be performed with the maximum efficiency and patient comfort.

Increased workflow *increased workflow*

We know how important is your investment, and how fast you need to recover it. That's the reason why Apollo is designed to maximize the workflow of your RF suite.

Wide, fast and accurate movements reduce the patient preparation time and increase workflow with the additional benefit of improving patient comfort.

The main movements have progressive speed control which combines accuracy for small adjustments and speed for large travels.

The ergonomic design of the console, based on a large graphic display, puts at your fingertip the most frequently used controls; all movements are instantly activated by independent joysticks.

Even the finest details have been considered to make the system adapt to the way you work: user-defined preset table positions can be used to speed-up the most frequent operations, you can select the tilting speed and you can even choose your preferred movement orientation according to table or monitor view.

reduced patient dose

Reduced patient dose

Special attention is given to patient's dose reduction, by employing a number of provisions, such as low-absorption tabletop materials (plastic or carbon fiber), reduced skin-to-film-distance, fully automatic collimation, retractable grid, fully automatic parameters setting in both fluoro and exposure (zero points technique).

Specifically designed motion algorithms keep the organ centered during oblique projections in fluoroscopy, thereby reducing the examination time as well as the patient radiation exposure.

Image quality

Images are the final products of every radiographic exam. The close integration between every sub-system in your Apollo RF suite ensures that the entire imaging chain always works at its best to give you the highest picture quality. Automated procedures allow you to concentrate on your patient, rather than on the equipment.

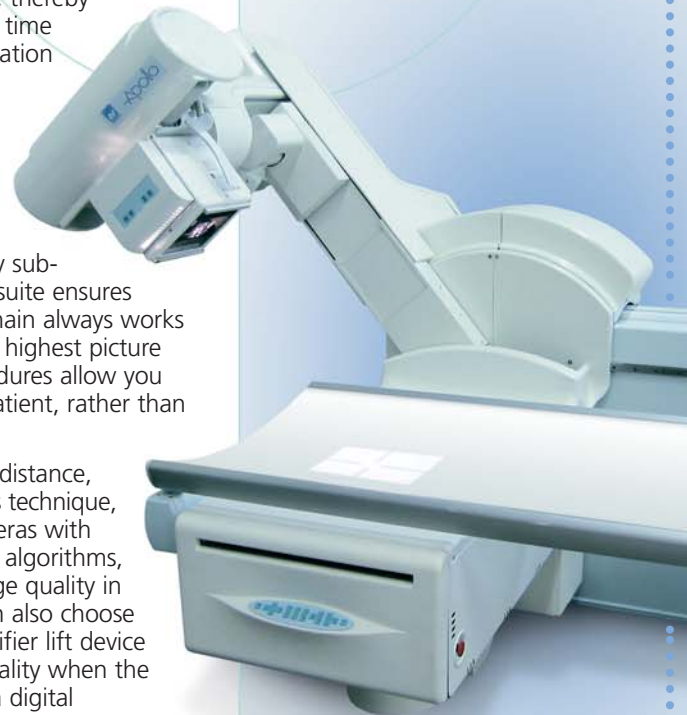
Reduced skin to receptor distance, fully automatic zero points technique, state of the art CCD cameras with advanced noise reduction algorithms, are key to consistent image quality in every application. You can also choose the optional image intensifier lift device to improve the picture quality when the system is equipped with a digital acquisition system.

Connectivity

Apollo perfectly matches the DIVA digital acquisition systems to obtain a filmless RF or DSA room with the highest patient throughput and full Dicom connectivity for seamless integration into PACS networks.

The tilting column

allows to take oblique projections at both edges of the tabletop, especially useful for skeletal and gynecological or urological applications.



Streamlined consoles

combine fast and efficient exam setup with the highest installation flexibility.

Villa Sistemi Medicali long-standing experience at the service of our customers



Competence in x-ray systems

Villa Sistemi Medicali specialists can provide qualified information on new x-ray systems, room structure and installation and equipment positioning.

A wide range of equipment

Villa Sistemi Medicali is among the major European manufacturers of radiological systems and offers a wide range of products, such as:

- Digital radiographic and angiographic systems
- Remote controlled tables
- Classical tilting tables
- General rad floating tables
- Chest stands
- Mobile units
- Surgical C arms
- HF Generators
- Dental units, Intra-oral and panoramic

Our priority: Technical Service

A wide network of highly skilled service engineers ensures effective and reliable maintenance of all Villa Sistemi Medicali equipment installed worldwide.

Preventive maintenance programs and Service Contracts are adapted to the needs of our customers

Logistic services: a widespread presence

Spare parts, accessories and consumables are shipped daily by Villa Sistemi Medicali to all its customers worldwide.