



VILLA
SISTEMI
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MEDICAL
IMAGING

Vision

R/F Tilting Table





Vision has a very compact footprint for convenient installation in every practice

Vision is a high performance conventional R/F system from Villa Sistemi Medicali designed to perform all kinds of R/F studies with the maximum efficiency and ease. Thanks to its flexibility, user friendliness and compact dimensions Vision is the ideal choice for a "light" R/F system.

The design of Vision has been specially focussed on the Spot Film Device, which is fully microprocessor controlled and allows in-line and cross divisions with one of the widest division programs on the market, covering all routine applications.

The front-loading cassette tray is power assisted, cassette loading and unloading can be performed using just one hand. Fast and accurate cassette positioning assures fast switching between fluoro and exposure mode.

The rapid sequence allows to perform dynamic studies on film with a high frame rate. The "fast bolus chasing" feature is used to "link" the longitudinal movement of the table top with the SFD scanning, thereby increasing the relative speed between the SFD and the patient, such as in swallow studies when you need to track fast bolus transit.

The under-table multi-leaf collimator is provided with an automatic SID compensation system that ensures a high accuracy of the irradiated area. The fully automatic near film shutters assure razor sharp definition of radiograms on the same film.

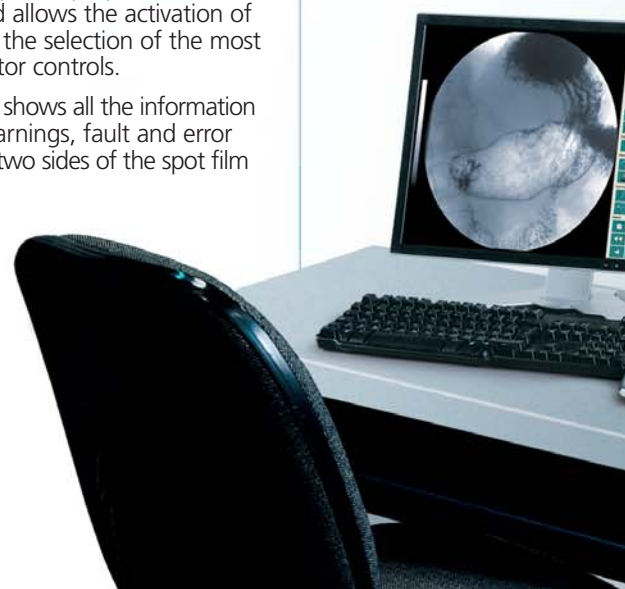
The compressor is automatically moved into the exposure area when a cross subdivision is selected to speed up operation in Gastro Intestinal studies. A flat keyboard allows the activation of all functions of the unit itself, as well as the selection of the most important Image Intensifier and Generator controls.

A clear, multilingual alphanumeric display shows all the information relevant to table operation as well as warnings, fault and error messages. Fluoro and exposure pushbuttons are located on two sides of the spot film device, easily accessible by right or left handed operators in any given table position.

Movements can be activated by means of easy-to-handle joysticks located on the spot film device panel and by an additional table-side keypad, making these easy to reach in any operational condition. Automatic centering is available on tilting and tabletop movements.



The ergonomic design of the control panel helps to improve operating efficiency



Highest *performance* for all routine fluoroscopic and radiographic examinations



With a ceiling suspended tubestand you can assemble a full-featured diagnostic room

Safety of all movements is actively guaranteed by a dedicated microprocessor used as a controller that continuously checks positions, movements and speeds of all moving parts, in order to prevent failures that might create risks to the patient.

Vision can fit every need in terms of performance and application thanks to the intrinsic configuration flexibility. The possibility to choose between a 2 way or a 4 way system, is one example of the maximum adaptability of the system.

Vision can mount either 9" (23 cm) or 12" (31 cm) Image Intensifiers, according to your application needs. Both models come with a three-field zoom selection, CCD camera and Last Image Hold function.

The TV subsystem is also provided with a Dynamic Recursive Filter (DRF) that permits the acquisition of extremely sharp images. The recursive filter weight is automatically adjusted "pixel by pixel" to guarantee the maximum noise reduction in every condition and is automatically reduced to avoid dragging effect on moving objects thanks to the "Motion Detector" function.

Vision can be equipped with different high frequency generators with power levels from 50 to 80kW and a wide range of X-ray tubes that can be chosen to comply with the requirements of your R/F room.

Vision is ready for connection with Diva digital acquisition systems, both Diva-D and Diva-HDE. Using the digital acquisition system, the application field of Vision can be further extended with the possibility of real-time dynamic exams and Digital Image processing. The digital option dramatically increases efficiency, thanks to reduced examination times and the possibility to connect the system to laser imagers and Dicom networks. Vision can also be provided with an undertable bucky to be used in combination with a floor mounted tubestand or ceiling suspension to create a full-feature diagnostic room.

Thanks to its compact footprint, Vision can also be installed in very small facilities. Room size information is keyed into the system by the service engineer during installation, making it possible for software algorithms to recognize the room dimensions and prevent any collision of the unit with floor, ceiling or walls.



The tableside keypad allows quick patient positioning

Vision can be equipped with a 1Kx1K digital system for maximum 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, panoramic and 3D

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.



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