

visitor

Mobile radiological systems



radiology ahead

great diagnostic capabilities on the move

The mobile radiological systems of the Visitor family are the solution Villa offers to perform X-ray examinations in all cases where the patient is unable to come to the diagnostic room.

The Visitor systems are **compact** so that they can be moved in tight spaces and have an **intuitive user interface** so that they can immediately be used in difficult conditions or critical situations. The Visitor systems have proved to be valid and reliable for quickly performing X-ray examinations in maximum comfort on bedridden patients and find application in hospital wards, intensive care units, emergency rooms and operating theatres.

The digital Visitor versions, which have an **integrated image acquisition system based on a portable detector**, allow a faster workflow than an analogue mobile radiological system, consequently increasing productivity. The large touchscreen of the panel PC allows intuitively choosing the exposure parameters by selecting preset anatomical programs. The **high processing capabilities of the panel PC** allow viewing the already optimized images just a few seconds after exposure; the efficient acquisition and processing software automatically applies the processing filters which harmonize image contrast and improve detail sharpness based on the projection acquired.

Through the DICOM functions provided as standard, the Visitor DR units can effectively be integrated in the hospital HIS/RIS and PACS network for transmission of the data and images relating to the examination.

In order to allow a wide choice of configurations, both in terms of performance and budget, Villa offers a **vast range of portable detectors available** in the version with connection cable or with wireless connection, both with a Gadolinium Oxysulfide (Gadox) and a Cesium Iodide scintillator (CsI). In particular, the wireless detectors are available in various sizes: from 24x30cm dedicated to examinations on paediatric patients up to 43x43cm for better coverage of every anatomic region.



speediness
& reliability



simple and easy to use

Visitor T4 satisfies the basic X-ray needs through a 4kW high-frequency monobloc suitable for performing exams in plaster rooms as well as screening examinations. Characterized by a **lightweight and essential mechanical structure**, it can easily be moved between the ward corridors and rooms and **easily be positioned** where it is to be used.



visitor T4



visitor T30 C

Visitor T30 C and the digital version *T30 C-DR* are ideal systems for places where wide versatility and image quality without compromise are required with a low economic investment. **Wide versatility** is guaranteed by the compact machine body making it easy to move around in small spaces. The workflow is fast because of the **anatomical programs** with preset exposure parameters for the various anatomic regions. The powerful 32kW monobloc, which can be equipped with additional filters on the collimator, ensures **optimal execution** even of particularly difficult X-ray projections, guaranteeing high-quality images at all times.



visitor T30 C-DR

versatility & convenience

versatile and fast positioning

Visitor T30 R and *T30 R-DR* are the solutions that combine the already high X-ray performance of the Visitor T30 C and T30 C-DR systems with a structure that has **greater positioning flexibility**: ideal for hospital wards that have a greater need for optimization and management of the spaces in the critical area. These versions offer remarkable freedom of movement of the X-ray source thanks to the **tube support arm rotating on the vertical axis**, which allows the operator to freely position the mobile unit next to the patient's bed and more easily and efficiently centre on the anatomic part involved.



flexibility & compactness

enhanced manoeuvrability and freedom of use

The high-end motorized mobile units *Visitor T30 M* and *Visitor T30 M-DR* stand out for their powerful high-efficiency battery system that powers the X-ray generator: this means that they do not frequently have to be connected to the mains and allows performing examinations virtually anywhere.

The **large battery autonomy** ensures a high number of exposures for the various anatomic parts of the patient (approximately 400 examinations at 100kV and 20mAs), while the quick charge system and the possibility of exposures while connected to the mains drastically reduce the waiting times. What's more, the batteries also power the two large driving wheels for **fast and smooth movements** of the equipment,

allowing the operator to very easily and effortlessly control it while travelling the long distances between the hospital wards.

The motorized Visitors hence combine **extreme mobility** and **high operating efficiency** in a compact machine body that can also be moved in limited spaces. The X-ray source can be positioned with the utmost freedom and accuracy thanks to the **rotary column with telescopic arm** and the controls located on the tube, which activate the millimetric movements of the unit in the desired direction. Moreover, these Visitors are equipped with a front bumper with an anti-collision function, which in the event of accidental contact with an obstacle, stops the movement in complete safety.



ergonomics & functionality

top-level diagnostic capabilities



The motorized mobile units **T40 M** and **T40 M-DR** offer the highest power available by means of the 40kW generator coupled to an X-ray tube with high thermal capacity, assuring equipment use at the **maximum possible levels** during the day in the ward. Thanks to their higher performance, these units are capable of producing images of high quality and sharpness and are **ideal for the most demanding clinical applications** on various types of patient, including bariatric.



efficiency & productivity



radiology ahead

Competence in x-ray systems

Villa Sistemi Medicali is one of the most important manufacturers of radiological systems worldwide. Leveraging more than 50 years of experience in X-ray field, the company's know-how covers all technologies that can satisfy any need in the X-ray field.

A wide range of equipment

Our range of products includes:

- Digital X-Ray systems
- Remote controlled tables
- Classical tilting tables
- General rad rooms
- Mobile units
- Surgical C arms
- Mammography

Our priority: Technical Service

A wide network of highly qualified and specialized technicians guarantees effective and reliable maintenance of Villa's medical radiology equipment installed anywhere in the world. Our specialist consulting programmes and technical service contracts are defined by our qualified personnel and adapted to the needs of our customers.

Logistic services: a global presence

Villa Sistemi Medicali daily provides full systems, spare parts, accessories and consumables, shipped regularly to all our customers, worldwide, using the most efficient couriers. Shipment modalities include ground, ship, air and inter-modal freight transport.

Villa Sistemi Medicali Spa

Via delle Azalee, 3
20090 Buccinasco - Italy
Tel. +39 02 48859.1
Fax +39 02 4881.844
vsminfo@villasm.com
www.villasm.com

