

Portable and Mobile X-ray Units

Tecmed Africa offers a full range of mobile Radiology systems from a very select group of high quality suppliers. Specialised mobile systems with either manual or motorised movement are available. We supply fully digital mobile X-ray units with both tethered and wireless detector systems.

A full range of film processing and radiation protection devices are available and along with these products, Tecmed Africa offers specialised help in setting up radiology facilities no matter how big or small.

Our new range of Canon and GMM mobile C-Arm systems with both image intensifier and digital flat panel detectors will ensure that we can provide you with a product to meet your specialised requirements.



Computed and Digital Radiology

TECMED AFRICA distributes and supports:

- Computed Radiology Systems;
- Full Field Digital Radiology Systems, including add on flat panel detector units
- Laser Imagers and Printers;
- Film Processors and Associated Accessories;



Control-X Medical Ltd.





The heart of any radiology department is the radiographic bucky system producing your routine imaging and providing the bread and butter income of the department.

Tecmed Africa has a range of systems from the small WHO compliant units to top of the line state of the art dual digital detector systems.

Trauma systems, universal systems and conventional bucky systems are all in the product line up.

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- WHO and universal systems;
- Basic radiographic systems with fixed height tables;
- Trauma ceiling suspended systems in analog and digital form;
- Mid-range radiographic systems with variable height tables;
- High-end units with variable height tables and overhead x-ray tubesuspensions;
- High end Universal system.

All systems can be delivered with our fine range of digital detectors and with the related software in single and dual plane applications. We offer 40, 50, 65, 80 and 100 kW generators in our range.



Radiographic Fluoroscopy Systems

Conventional and remote controlled Fluoroscopic systems form an integral part of the portfolio of Tecmed Africa product line up.

The Canon range of systems manufactured in both analog and digital format with image intensifier and full field flat panel detectors allows you to choose a system to meet both your budget and your imaging requirements.

The High end Canon Ultimax unit with its full Angiographic capability and routine fluoroscopic imaging facility for abdominal imaging has proven to be one of the finest image quality generating systems on the world market.



The new Canon Zexira R/F System boast state-of-the-art flat panel imaging and system flexibility.

Tecmed Africa is proud to represent this superb range of products and to be able to offer them to our valued customers.



Cardiology and Angiography

RADIOLOGY



In the highly specialised field of Cardiac and Vascular imaging, Canon has led the way with many innovations relating to image quality, system flexibility and most importantly reliability. The introduction of the new range of five axis Infinix systems has further distanced the Canon systems from their competitors in that the image quality now generated with the latest version of full field flat panel detectors cannot be matched by any other supplier.

Coupled to this, the high flexibility of the gantries and the superb dose saving features make the Canon offering from TECMED AFRICA the only system for the discerning specialist. The full range of systems includes floor mounted, ceiling mounted and biplane systems. Haemodynamic systems from Fysicon a Canon company are also integrated into all Canon systems.





Computer Tomography

Canon Medical Systems have developed a range of computer tomography systems that have become the gold standard in CT imaging around the world. Being market leaders with TECMED AFRICA for the past two years in South Africa, as well as recipients of the Best in KLAS Awards and the Frost and Sullivan Awards internationally, these products are setting new standards in CT imaging.

Our wide range of CT scanners on offer have a solution to meet every department's needs. Our scanners offer consistent low dose acquisitions, high levels of image quality and efficient workflow

solutions across the entire platform.

AIDR 3D and FIRST are incorporated into our range of Canon CT scanners as shown below. With the integration of AIDR 3D into SURE Exposure controls, the radiation exposure is automatically reduced before the scan ensuring the lowest dose is given for the diagnostic task at hand, no matter what the size or shape of the patient.

Vitreia, now an integral part of Canon Medical systems provide excellent imaging workstations and software packages.



VITAL
A Toshiba Medical Systems Group Company

Contrast Injector Systems

German based Ulrich Medical systems manufactures syringe-less contrast injectors for use with CT, MRI and X-Ray systems.

The advantage of using a syringe-less system is that it reduces consumable cost and sets a new standard in hygiene.

The Tennessee MRI contrast injector can be used with high field strength 3T MRI systems.

The CT Motion contrast injector supports high flow rates and pressures in order to meet the demands of advanced CT scanning techniques. Ulrich Medical Systems also manufacture CO₂ insufflators for use with CT Virtual Colonography examinations.



Magnetic Resonance Systems

Magnetic Resonance Imaging (MRI) has always been a speciality in which Canon Medical Systems has endeavoured to provide not only the highest image quality, but also the most patient-friendly systems. Boasting silent gradients and full body coils, the latest Elan, Atlas and Titan powered systems have already received international awards for their innovation and market acceptance.

Locally, TECMED AFRICA offers the full range of MRI systems starting with the low field Open 0.5T up to the full 3.0T system. The latest Titan model offers the largest bore aperture available.

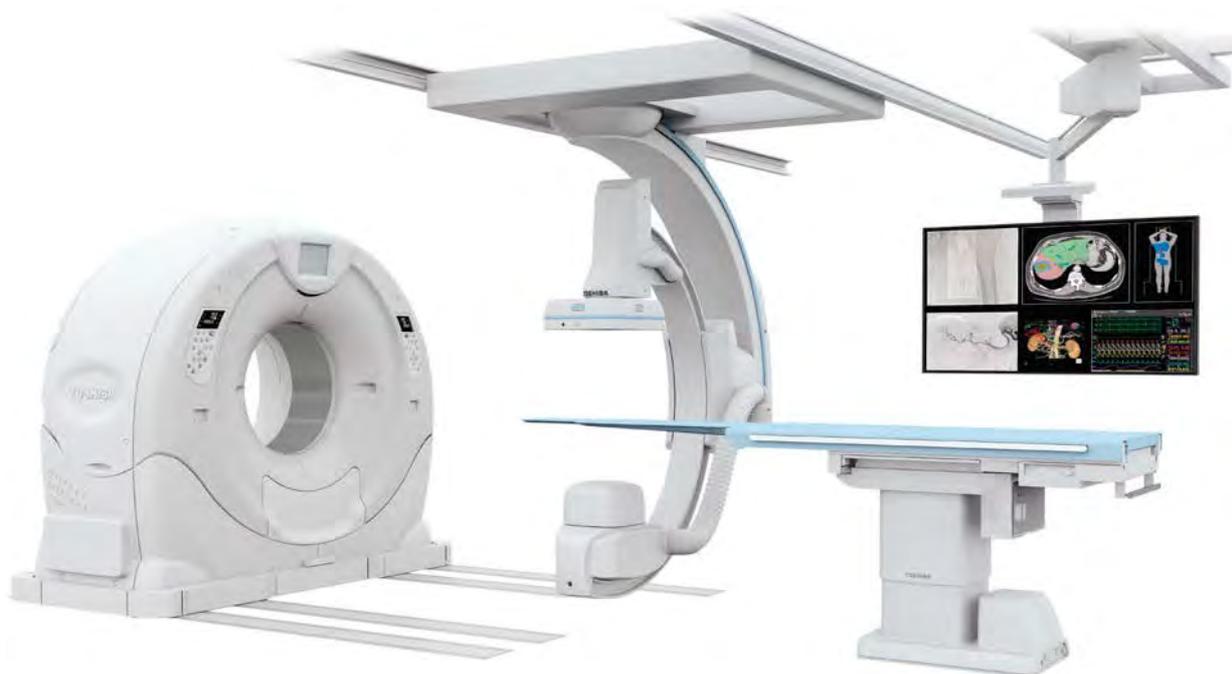
The Canon Elan system of which a number have been installed in the region, has the smallest footprint of any MRI system, is maintenance friendly, with almost no helium boil-off and can be contained in a mere 36 square metre's of hospital space. The new Canon Magnet technology also ensures homogeneity across a larger percentage of the bore.

Vantage Elan 1.5T



Vantage Titan 1.5T

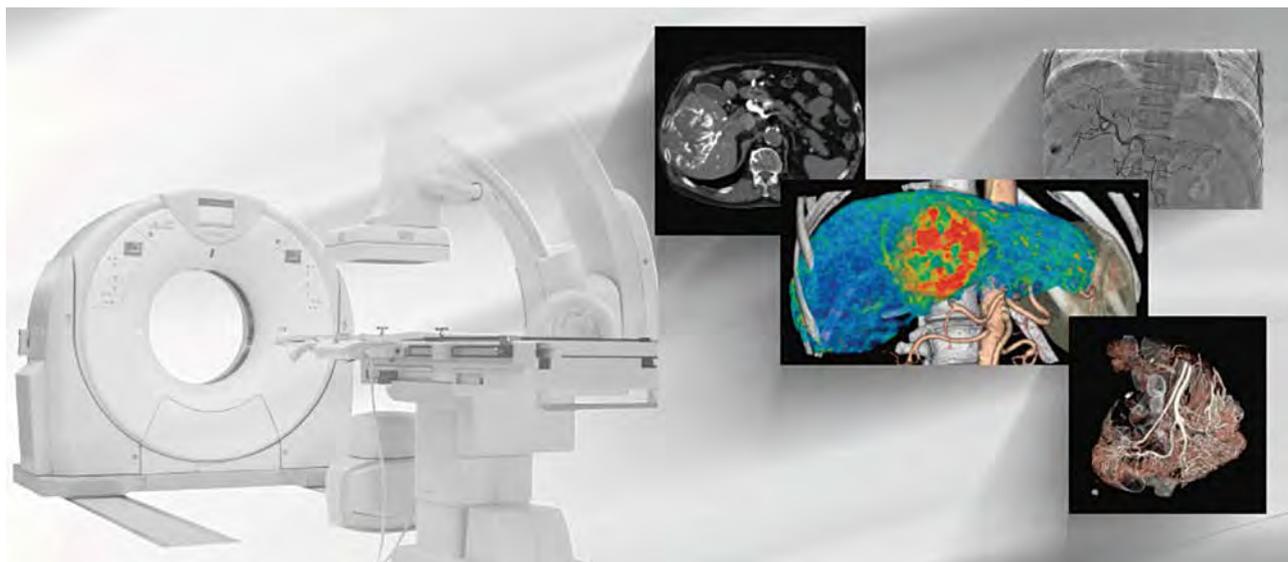




Angio systems 4 D - CT.

In 2015, Canon Medical systems unveiled the first reliable and fully digital 4D Angio CT system to the market. Due to its incredible ability to assist surgeons and specialists in the region of the pancreas and liver, the system was well accepted into the market with numerous installations world-wide.

The system comprises of a combination of the ceiling mounted Angiographic system with large field of view, dynamic flat panel detector and one of our superb Canon Aquilion LB, Aquilion Prime or even our Canon Aquilion ONE CT systems.



Mammography

Due to the high incidence of breast cancer in the modern world, mammography has always been viewed as being a critical component of the product offering by TECMEDAFRICA.

Analog and full field flat panel units have excellent imaging technology with modern, ergonomic designs for best patient comfort.

The features of Metaltronica's analog and full field flat panel units can be summarized as follows:

- Low and accurate dose control
- Control panel positioning on either side of the unit
- Fully balanced C-Arm
- User programmable projection views Intelligent Automatic Exposure device

- Dedicated Mammography Workstations
- Flexible compression paddles essential for patient comfort
- Second Generation Tomo-synthesis

The New Helianthus C

- 2D low-dose digital mammography system with the most advanced full field direct conversion flat panel detector.
- An all-in-one compact system for women of all ages and breast anatomies.
- Ergonomically designed thus enhancing patient safety and comfort
- Optimal solution of Van installations



Bone Densitometers



Along with our Ultrasound and Mammography systems our product range in the Women's Health sector also includes a range of Bone Densitometers ranging from region specific scanners to real non-stop full body scanners. Our systems make scanning simple and accurate as well as comfortable for the patients.

From edit selection keys, automatic ROI selection and setting, brush functions, histograms and report printing as well as trend monitoring and printing, our units are tailored to do it all.

Quick to install, easy to maintain and supported by our application and service sections, Tecmed Africa offers you an additional product to complete your woman's health patient offering.



Ultrasound Systems

TECMED AFRICA, together with Canon Medical Systems, has dominated the South African market in the field of Ultrasound and currently has an installed base of over 3 000 units. Outstanding image quality and reliability, as well as a wide range of software applications, make these systems high demand units. A full range of ultrasound systems tailored for every clinical application is available. Every system sold is backed by a fine team of application and technical specialists. Expansion into the veterinary market will further extend the impact of these systems in the medical field. Cardiac applications on selected models guarantee unmatched image quality.



RADIOLOGY



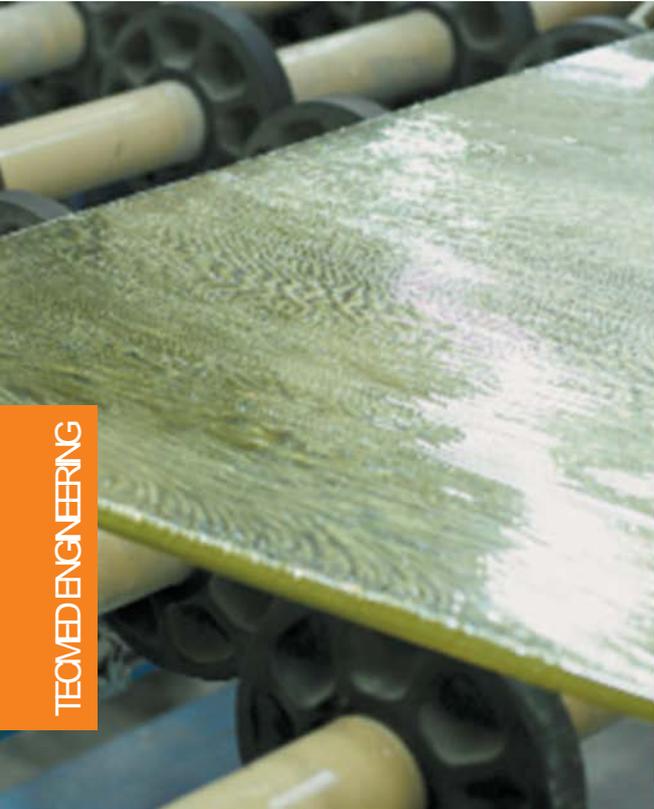
Aplio i-series

Intuitive. Intelligent. Innovative.

Aplio i-series is designed to deliver outstanding clinical precision and departmental productivity. Crystal-clear images with enhanced resolution and penetration as well as an abundance of expert tools help you get your diagnostic answer quickly and reliably.



Tecmed Engineering



Tecmed Engineering specializes in the manufacture of radiation protection screens, lead glass frames and mobile radiation protection devices.

Our distributorship with CORNING allows us to provide lead protection glass in different sizes and lead content.



Radiation protection glass and protection screens

