



Simple Design

VIDIX S is designed simply and sharply and it also harmonizes with the whole equipment. The all-free button on the handpart lets you operate the ceiling more comfortably with unique design of Choongwae for the users comfort.



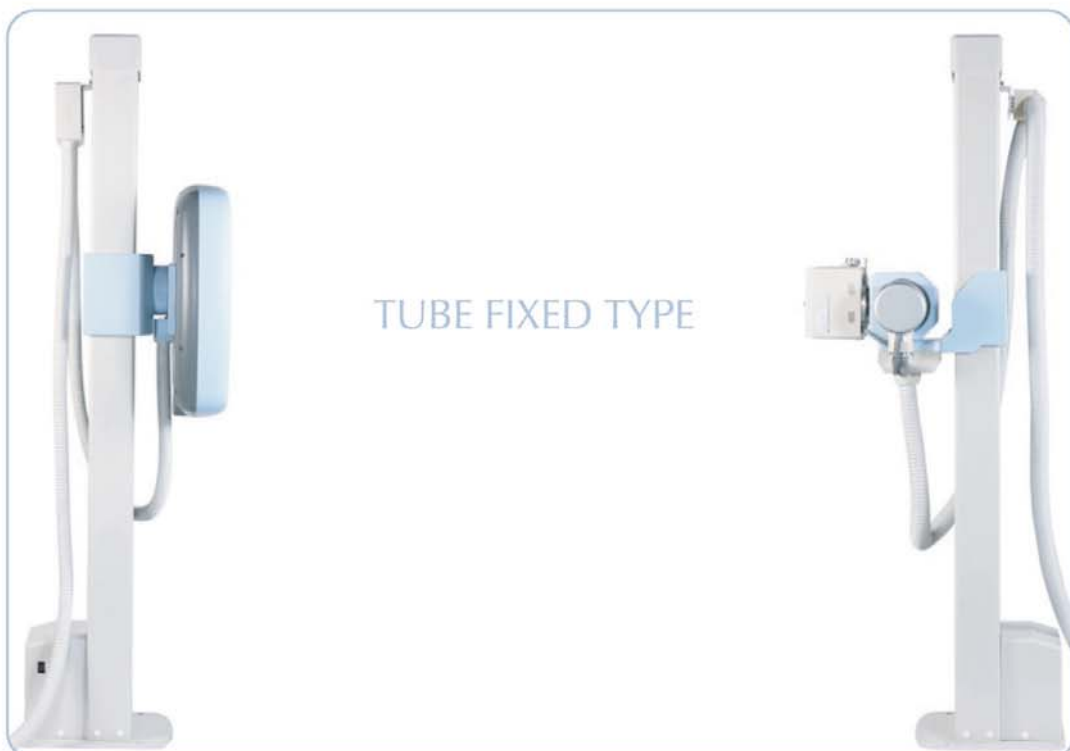
Remote Function Control

The swing function and up/down function of the detector, and the operation of the multi standing can be performed by the remote control which helps the radiologist concentrate in patient care.



Foot Switch

The up/down function of the detector can be performed not only by the remote control, but also by the foot switch.



VIDIX·S

DIGITAL RADIOGRAPHY SYSTEM



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Multi-Utilization Environment

VIDIX S can perform as a bucky stand and table at the same time with one detector, helping the radiologist to make efficient use of the equipment. We especially recommend to use this for those, who concentrate in examining particularly one position such as chest or table rather than to use dual-system at great expense.



Detector Smooth Swing Motion

You can easily change the position of the detector from bucky to table with a remote control. The transition is rapid and smooth, so the patient can keep letting the patient keep comfort during the shift. In addition, the detector can tilt 90 degrees from forth to back, so the radiologist can move the equipment in various ways which is appropriate for the scanning situation.



Detector Synchronized

The ceiling of VIDIX S and detector of multi standing can synch together, which lets the X-ray stand perpendicularly without any controls of the ceiling, when the detector moves up and down regarding to the patient's height.



FPD(Flat Panel Detector) is a core technology of radiology department equipments. It has developed the CR and made it possible to obtain precise and high quality images. Not many companies in the world can provide such technology, and in Korea most companies which introduces DR imports the detector which is the key technology of the system. Choongwae Medical introducing the latest DR system with its own technology was a surprise in Korea, and now, as a representative of the DR in Korean market, Choongwae Medical is introducing its high technology to the world.

The detector "Flatz", which is developed by Choongwae Medical is a direct conversion type detector. The detector can be divided into two types; in-direct conversion type and direct conversion type. By using the direct conversion type, there is no light generated when the radiology signal is converted into an electronic signal. This will decrease the diffusion and you will be able to keep most of the data and get a high quality diagnostic image which will provide you clean and clear information of the patient.

Another big difference with "Flatz" and other 17x17 detectors is that the noted size is the original size itself. If you consider other 17x17 sized detectors, which are made up with 4 panels, you will be able to avoid bad influence on the image after long term of usage, due to the unstable decrement of the semiconductor.



Simple and stable operating solution

Functional changes of the existing imaging systems have been increasingly required as the informationalization of the hospitals has been accelerating so rapidly. In the meantime, importance of compatibility and connectivity to all kinds of medical devices and information solution has been getting larger and larger. VIDIX System provides the network compatibility and the functions that meet the work flows of the hospital.

User Friendly Interface

It provides the operational environment in which users can operate the system with ease and simplicity by arrangement of the operating order and the functions satisfying the work flow of the users: the user interface with a simple design of the structure reflected, the patient information communication system for rapid examination, etc.

Versatile functions

The partitioned X-ray photography and the photography technique by its field size used for conventional film-type X-ray and CR are applied to this DDR system as they are. It helps users feel familiar with the VIDIX system in operation. And by displaying the information on the patient and examination results, it can prevent an occasion of re-examination caused by a wrong operation in advance. The functions necessary for hospital conditions such as automatic management and search of saved data, editing function of the patient information wrongly obtained by an X-raying, etc. are provided.

Standard Imaging Information and Connectivity

The VIDIX Series integrated at DICOM network can provide all strong features of the up-to-date network. Transmission of the waiting patient information, X-ray photography and the images can be realized, as the VIDIX Series were developed in conformity with DICOM standard. A very quick and rapid examination can be made, as instant searching and judging of the diagnostic results right after X-raying.

Stable and optimized Image Processing Workstation

The operating software of the VIDIX S series is developed to provide various functions and is designed as an optimal system to realize stable operation. Saving the images, it can restore the image information in case of missing or a loss. Therefore, in any case, just an easy handling can make it possible to resume the operation of the system in normal condition quickly.

Tube Support Type



XDC-30



SC-1100



SD-3320

Detector Support Type



ST-5000



SD-3310

Mobile Table



ST-2000



ST-1000