High Frequency Mobile X-ray Equipment

Item No.: KTC03-XE100

Product Details

Usage

The equipment is a combined high frequency X-ray video camera that can be conveniently moved to wards, ICU, operating rooms and so on for taking film.

Feature

1. Structure designed based on anthropotomy, with beautiful appearance, and easy to operate.
2. Two-button adjustment by kV and mAs, display by LCD and memory by parameters after power failure.
3. With a high-quality knockdown X-ray generator to reduce irradiation, which is much safer to environment and operator.
4. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
5. It is featured with protection for shortage of high voltage, over-flowing of tube current and output over-loading as well as indication for failure.
6. With a symmetrical beam applicator to adjust the X-ray field and a collimator lamp to locate the filed to ensure accurate radiograph.
Product Details

Usage

The equipment is a combined high frequency X-ray Equipment that can be conveniently moved to wards, ICU, operating rooms and etc for taking film.

Feature

1. With high frequency inverter to emit high quality X-ray and low dose on skin, and ensure excellent definition and contrast of pictures.
2. With techniques of KV analog closed loop control, mAs digital closed loop control and micro-processing real-time control to ensure precision and repeatability of the dose.
3. With kV, mAs two button adjustment, LCD display, multifunction of safety guard.
4. With 50 preset exposure programs, and can be modified and stored by the user for convenient operation.
5. With a high-quality knockdown X-ray generator to reduce irradiation, which is much safer to environment and operator.
6. With a symmetrical beam applicator to adjust the X-ray field and a collimator lamp to locate the filed to ensure accurate radiograph.
High Frequency Mobile X-ray Equipment

Item No.: KTC03-XE101C

Product Details

Usage

The machine is combined high-frequency X-ray photography diagnostic equipment, which is used in radiology, orthopedics, wards, emergency rooms, operating rooms, and ICU, etc. It is mobile diagnostic equipment which can make radiography on human body, such as head, limbs, chest and spine.

Feature

1. The kV closed-loop control is adopted for high frequency and high voltage generator. The digital closed-loop control technology by mAs and real-time control by the microprocessor have guaranteed accuracy and repetition of dosage.
2. Two-button adjustment by kV and mAs, display by LCD and memory by parameters after power failure.
3. The users can depend on themselves to revise the parameters of the 50 preset parameters human anatomy program.
4. It is featured with protection for shortage of high voltage, over-flowing of tube current and output over-loading as well as indication for failure.
5. The structural design of human engineering is simple and convenient for operation and overhaul.
Product Details

Usage

The machine is combined high-frequency X-ray photography diagnostic equipment, which is used in radiology, orthopedics, wards, emergency rooms, operating rooms, and ICU, etc. It is mobile diagnostic equipment which can make radiography on human body, such as head, limbs, chest and spine. The machine is especially suitable for photography without power supply, such as special outdoor environment and emergent incidents.

Feature

1. Use a assembly high-frequency high-voltage generator, kV closed-loop control and mAs digital closed-loop control technology, microprocessor Real-time control, ensure dose accuracy and repeatability.
2. kV, mAs two buttons adjustment, LCD display, parameter memory.
3. With 50 preset anatomy programs, and parameters can be modified by the user.
4. With over high voltage protection, tube over-current protection, output overload protection function, more secure and reliable.
5. The structural design of Ergonomics, simple and easy operation.
6. Use special high-quality batteries as the machine power supply, once fully charged, about 200 times the normal expose, avoid the fluctuations in net power supply to impact on the film effectiveness, the photography quality more stable and reliable.
Product Details

The unit, which is anti-electroshock, radiation-proof with fixed anode and full wave commutation, is a knock-down mobile x-ray Equipment.

It can be applied with either wireless control or panel control after being easily and conveniently placed into sickroom, operating room or other places, which is not only convenient for the patients, but also beneficial to medical personnel for not being subjected to unnecessary radiation. The unit is a product provided by our company with high quality and low price.

**Characteristics:** The unit, with features of easy control, reliable function and beautiful figuration, completely meets the requirements for x-raying the skull, chest and extremities.
High Frequency Mobile C-arm System

Item No.: KTC03-XE112

Product Details

Usage

The unit is a high frequency mobile surgical X-ray device, and mainly used in orthopaedics for joint of limbs, reset and joint connection with nail, and used in surgery for taking off the foreign matters from the inside of body, heart vessel duct, plant heart, intervene clinic and photography of part of the body.

Feature

1. High frequency high voltage generator assembly.
2. Automatically track fluoroscopy to make the image brightness and clearness optimum.
3. Automatically store the last image of fluoroscopy to advantage diagnosis.
4. Extendable electric auxiliary arm, not only save space but also improve the stability of the device.
5. Mechanical movement, image-manipulation, parameter-modulation, pattern-selection can be operated remotely.
6. With a compact appearance, and easy to operate; Well-organized structure, ease of maintenance.
High Frequency Mobile C-arm System

Item No.: KTC03-XE112B

Product Details

Usage

The equipment is high frequency mobile surgical X-ray machine. It is used for X-ray fluoroscope and photography in clinical applications.

Feature

1. High frequency high voltage generator assembly
2. Integrated three-view intensifier from Toshiba (ordinary intensifier is also available)
3. Pillar-shape parameter display, user-friendly liquid crystal graphical interfaces
4. Mechanical movement, image-manipulation, parameter-modulation, pattern-selection can be operated remotely
5. Extendable electric auxiliary arm, not only save space but also improve the stability of the device
6. Well-organized structure, ease of maintenance
High Frequency Mobile C-arm System

Item No.: KTC03-XE112C

Product Details

Usage

Orthopaedics: osteopathy, diaplasis, nailing
Surgery: removing foreign body, cardiac catheter, implanting pace maker, interventional therapy, partial radiography, local photography, and other work.

Feature

1. Leading domestic level Mobile Surgical X-ray machine. Convenient connection with the Digital subtraction system.
2. World-class image processing technology software makes the image more distinct to make it more convenient for the doctors in the operation and diagnostic process. Standard DICOM interface makes it convenient to connect with the hospital information system.
3. The pulse fluoroscopy can obtain high-definition image from low dose to meet the requirement of the high-precision and high difficulty microinvasive operation.
4. Low radiation dose used can protect the doctor and patient.
5. Unique double foot brake controller design makes it convenient to control the instrument inside and outside the operation room. This design can also protect the health care professionals by reducing the opportunity to come into contact with the radiation.
6. Exclusive inside and outside monitor design makes it more convenient to observe the operation process either inside or outside the operation room. At the same time, this design can facilitate the outdoor teaching and the real-time observation of the surgical procedures.
7. Uniquely designed basement electric auxiliary supporting arm, ensuring safer use.
8. Specially designed portable controller, facilitating operation.
9. New-pattern frame design with a small and pleasing shape.
11. The fluoroscopic KV and MA automatic tracking function makes the image brightness and definition shift to the best condition automatically.
12. Toshiba image intensifier is employed, stable and reliable in quality and sound in image definition.
13. Dense X-ray grid is used, further improving the image definition.
Product Details

Usage

Orthopaedics: osteopathy, diaplasis, nailing
Surgery: removing foreign body, cardiac catheter, implanting pace maker, interventional therapy, partial radiography, local photography, and other work.

Feature

1. New integrated design, compact appearance, convenient operation.
2. Unique hand-held remote controller, more convenient operation.
3. Graphical colorfully LCD touch screen console interface, convenient operation, fashionable design.
4. High-quality combined HF-HV X-ray generator, greatly reducing the X-ray irradiation.
5. With the perspective KV, MA automatic tracking feature, the image brightness and definition are automatically set at optimal function.
6. Medical high-resolution progressive output TV system, eight image storage, clearer image and convenient operation.
High Frequency Mobile C-arm System

Item No.: KTC03-XE112E

Product Details

Usage

Orthopaedics: osteopathy, diaplasis, nailing
Surgery: removing foreign body, cardiac catheter, implanting pace maker, interventional therapy, partial radiography, local photography, and other work.

Features

1. New integrated design, compact appearance, convenient operation.
2. Unique hand-held remote controller, more convenient operation.
3. Graphical colorfully LCD touch screen console interface, convenient operation, fashionable design.
4. High-quality combined HF-HV X-ray generator, greatly reducing the X-ray irradiation.
5. With the perspective KV, MA automatic tracking feature, the image brightness and definition are automatically set at optimal function.
6. Medical high-resolution progressive output TV system, eight image storage, clearer image and convenient operation.
High Frequency X-ray Radiography System

Item No.: KTC03-XE160

Product Details

Usage

This machine is used to photograph patient's chest, stomach, lumbar and extremity.

Feature

1. It is installed with close-table graphical colorful LCD touch screen, wireless remote control exposure, make the operator easy to use.
2. We incorporate the latest compact high-frequency and high-voltage X-ray generator, which ensure superior image quality, while the skin dose is low, to protect the patient better.
3. Adopt the technology of kV and mAs numeral Closed loop control, Real-time control of the microprocessor, which ensure the accuracy and repeatability of the output dose.
4. Be equipped with radiography parameter of multi-part, multi-posture, multi-body type's adult, child physical characteristic, the operator can modify and save the parameter by himself, which make the operation more conveniently.
5. Possess multiple automatic protection and fault clue function, make the operation more safe and reliable.
6. The radiography table can float in any direction, electromagnetic braking, position the patient more convenience and accuracy.
7. X-ray generator component can move round the axis of X-ray generator, crossarm and Pillar stand, be convenient with side and slanting direction projection and radiography of patient on the stretcher.
8. Be equipped with the bucky stand, which is used in the radiography of the head, chest, belly, pelvic cavity, backbone and periphery.
9. Control console of graphic program controlled LCD touch screen is optional, which can set the radiography parameter and exposure in another room.
Surgical X-ray Equipment

Item No.: KTC03-XE5000C

Product Details

Usage

This equipment must only be operated by the professional who has necessary radiation knowledge and get professional training.

This machine is used to photograph patient’s esophagus, chest, gastrointestinal, abdomen, limbs etc for common radiography, Beam Limiting Device radiograph and high KV radiography.

Feature

1. The console applies LCD display photograph term, the device have the mA, kV of photograph table projection chosen are controlled by procedure interlock, be separate, not disturb.
2. Use the microprocessor limited-time control, to achieve the precise control of the expose time.
3. Select the exposure tube current at the same time to determine the focus.
4. This machine adopts mA, KV, s three parameters free matching work method.
5. The limit time of fluoroscope of this machine is controlled by program.
6. Expose mode of this machine use two-step hand-switch control mod, hand switch control circuit adopt a safe voltage control.
High Frequency Digital X-ray System

Item No.: KTC03-XE6000

Product Details

Usage

This unit is available for medical teaching, research, medical units for X-ray spot film gastrointestinal photography, remote compartment, and other traumatic perspective X-ray photography and other routine check. It can apply to the esophagus, chest, stomach, abdomen, limbs for fluoroscopy and spot film photography;

Features

1. Base the optimization principle to produce, excellent config of whole system, satisfy clinical personalized requirement.
2. Latest technology of high frequency mainframe, digital image collection, gain the high quality image easily.
3. It has friendly user interface, excellent operation system, make the equipment more conveniently and easy to understand.
4. Multiple safety control, make the image quality and radiation dose to achieve organic balance.
5. Strong function of digital image processing, overall compatible with DICOM network application.
High Frequency Mobile C-arm System

Item No.: KTC03-XE7000A

Product Details

Usage

This machine is widely applied in surgical department, orthopedic surgery, urinary surgery, spinal surgery, abdominal surgery, pain management, cardiology, gastroenterology department, gynae and operating room, etc.

Features

1. High-frequency generator with high power and microfocus, optimizes digital images.
2. Intelligent exposure control, achieving low radiation dose.
3. Multi-working patterns to meet various clinical needs.
4. Multi-leaf and vertical light control reduce the soft X-ray effectively and the skin dose dramatically.
5. Imported well-known image intensifier and digital CCD camera provide high-quality and high-resolution images.
6. High-resolution and dual LCD monitors improve image quality dramatically.
7. Powerful digital graphic workstation with standard configuration of DICOM 3.0 connected to network perfectly supports dual registrations of worklist registration and manual registration.
8. Workstation has high-capacity digital storage function, and fluoroscopy and digital spot film are stored in lossless digital format. It has powerful processing capabilities like edge enhancement, multiple image, gamma correction, cineloop, window center-window width, experts template, record, etc.
9. Four-dimensional electric motion control, accurate positioning, flexible and smooth. Large rack design provides a huge examing space and more comfortable surgery environment. Fresh designs and ideas bring you superior experience.
10. Two panels of human graphical LCD touch screen, intelligent and fast operation. Dual kinetic control system and double foot brake design for exposure, meeting the demands of clinical operations greatly.
Product Details

Usage

Applied to the chest, skull, spine and limbs and other parts of the X-ray digital imaging

Features

1. The electric lift and rotatable newly designed U-shaped frame can meet the photographic requirements of different standing and lying positions. The U-shaped design can make the operation much more convenient and flexible.
2. The world leading digital CCD detector can help you get the high-definition images.
3. The leading domestic high power compact high frequency X-ray generator and high frequency power inverter makes the machine much more compact and more convenient without the extra high-voltage generator and cable.
4. Newly designed photographic bed used specially for the U-shaped arm X-ray machine. The bed floating and electromagnetic lock design makes it convenient for the accurate position of the lying patient.
5. Specially designed working station for DR adopts all-digital intelligent touchable LCD control system which is graphic and real color. This system makes the operation easier and more convenient.
6. Apply different photographic parameters according to the human characteristics, such as multi-site, multi-position, muti-body shape, adult and children etc. The parameters can be modified and stored at will and make the operation more convenient.
7. The high quality high frequency high-voltage X-ray generator and high frequency power inverter can produce high-definition and good contrast images.
by high quality radiation and low dose.

8. The application of the KV and MA digital closed-loop control technology and the real time control of the microprocessor ensure the accuracy and repeatability of the dose.

9. The multiple automatic protection features and fault tips ensure safety during the operation process.