

Large diameter C-Arm

Our large diameter C-Arm easily accommodates larger patients and efficiently avoids contamination.



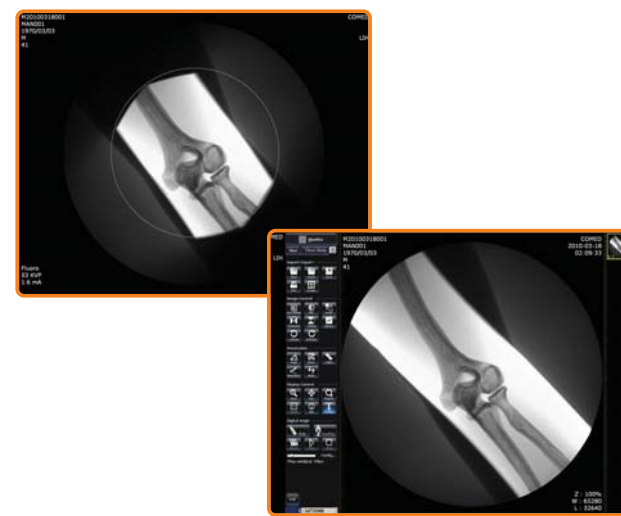
Optimal solution

Best solution of practical user multifunction



Laser marking device

The laser marking device exactly indicates the position to be exposed in advance. It means that the operator can aim the target easily, and reduce the unnecessary X-ray exposure.



Radiation reduction with Dose Management System

Adoption of the Iris Collimator and the latest Virtual Collimator significantly reduces unnecessary radiation dosage for patients and operators alike, while increasing functionality. Additionally, our 1K x 1K high resolution camera with physical shutter guarantees superior images with minimum dose.

comed
The Power of Passions



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KMC 650

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Affordable Surgical C-arm

KMC650 has a compact design with multiple functions to provide most convenient feature for the surgery.



Moveable 19" LCD monitors

- 1000CD Medical B/W panel

Easy Archiving & documentation

- DICOM 3.0
- CD/DVD burning
- Support DICOM Printer
- USB port

1K x 1K High resolution

- 9", 6", 4.5", (23, 15, 11cm) I.I

Big Arc/Overscan

One Touch Locking

C-arm control panel

High Frequency Generator

Options

- Virtual Iris Collimator
- Laser Marker
- Dose Area Product (DAP)

High performance C-arm System

It is revolutionary equipment by the degree that will exchange your concept to have had new technology, various functions, An efficient system, a high image resolution during KMC 650 whom realization got at the same time.

X-ray of the high intensity is generated from X-ray tube of the highest HFG that even showed a body vein, and high quality image system is the best ability for imaging transform of the X-ray.

Iris Collimator is adopted to reduce unnecessary X-ray dose for patients and operator as well. It improves user convenience at the same time lowering over all dose level for patients and operators.

Conventional ABS can not adjust and display brightness in case body parts (or objects) are placed off-center but high quality image can be acquired with new ABS equipped with auto pointing function.

Especially existing X-ray images could not identify bones with metal implants clearly. KMC650 has overcome such difficulties by adopting metal detector function which helps to display ABS images with clear distinction between implants and bones.

Brilliant image quality

Generator, camera and image software play major roles in high image quality. And KMC 650 surpasses our image quality standards.

In pursuit of optimal image quality, KMC 650...

- ...is empowered by Digital Imagine System(DIS)
- ...accurately controls high Frequency generator
- ...is equipped with 1mega pixel camera (1K x 1K)
- ...is enhanced by image processing engine
- ... has twin 19" TFT LCD medical monitors

DIS (Digital Imaging System)

With this newly customized DIS system, C-arm images can be adjusted, categorized and stored in organized way. The DICOM 3.0 image stored by DIS can be accessed in any place connected to PACS system at any time. Variant tools for efficient diagnostic is well provided. Also, new remote control interface is devised to maximize the Operator's



SIS (Smart Image System)

- Dynamic Recursive Filter
- Metal Detector
- APR mode for Radiography
- Level Tracer
- Virtual Collimator
- Customizable Brightness & Contrast Presets
- Edge Enhancement
- Hot Key access to Preset Functions

Database management

- More convenient save and search capabilities
- Manage patient information
- Before & after surgery comparison

Unlimited Image Memory

- Unlimited patient capacity
- Unlimited study images

Versatile Diagnostic Tools

- Zoom, Contrast, Reverse, Rotate
- Filtering, Edge Enhancement
- Annotation

PACS Connectivity with DICOM 3.0

- Storage, MWL, Query / Retrieve, Print