

KMC 950

High performance Surgical C-Arm

comed
The Power of Passions

Comed Medical Systems Co., Ltd.

Office 707, Woolim Lions Valley I, 311-3,
Sangdaewon-dong, Seongnam-si, Gyeonggi-do, Korea
Tel: +82-31-737-2211 Fax: +82-31-737-2210

Factory 236-4 Sangdaewon-dong, Seongnam-si, Gyeonggi-do, Korea
Tel: +82-31-764-7321 Fax: +82-31-764-7324

www.comed.co.kr

COMED

The Power of Passions

Principal COMED differences...

- ✓ Developed and maintains the **Source Technology** of core components
- ✓ Provides systems built to **Custom Specifications**
- ✓ Supports a **Global Network** for customer service

Obvious advantage...

High-Performance C-Arm System

Changing your perspective on new technology. The KMC950 is revolutionary in its versatility, efficiency and exceptional image resolution.

More power in a smaller footprint. Our 12kW, combined with digital image acquisition and COMED's Digital Imaging System (DIS) produces significant improvements in image quality.

Bulletproof user interface. Our improved TOUCH SCREEN control panel boasts expanded memory, providing an abundance of customizable menus, unmatched control versatility and virtually maintenance-free operation.

Improved image convenience. Faster radiography and improved fluoro images are at your fingertips with the addition of APR (Anatomical Programmed Radiography) and advanced ABS (Automatic Brightness System). Furthermore COMED's advanced ABS features an *auto-pointing function* for off-center objects and a *metal detector function* to clearly distinguish implants from bone.



User Friendly Design



12kW High Frequency Generator
• 200kHz High Intensity X-Ray

1K x 1K High Resolution CCD Camera
with 9 inch Image Intensifier (I.I)

High Performance Rotating Anode
X-Ray Tube

Easy Archiving & Documentation
• DICOM 3.0
• CD/DVD Burner
• DICOM Paper Printer Support
• USB port

135° Wide Orbital Rotation with large
SID distance

TOUCH SCREEN C-Arm control

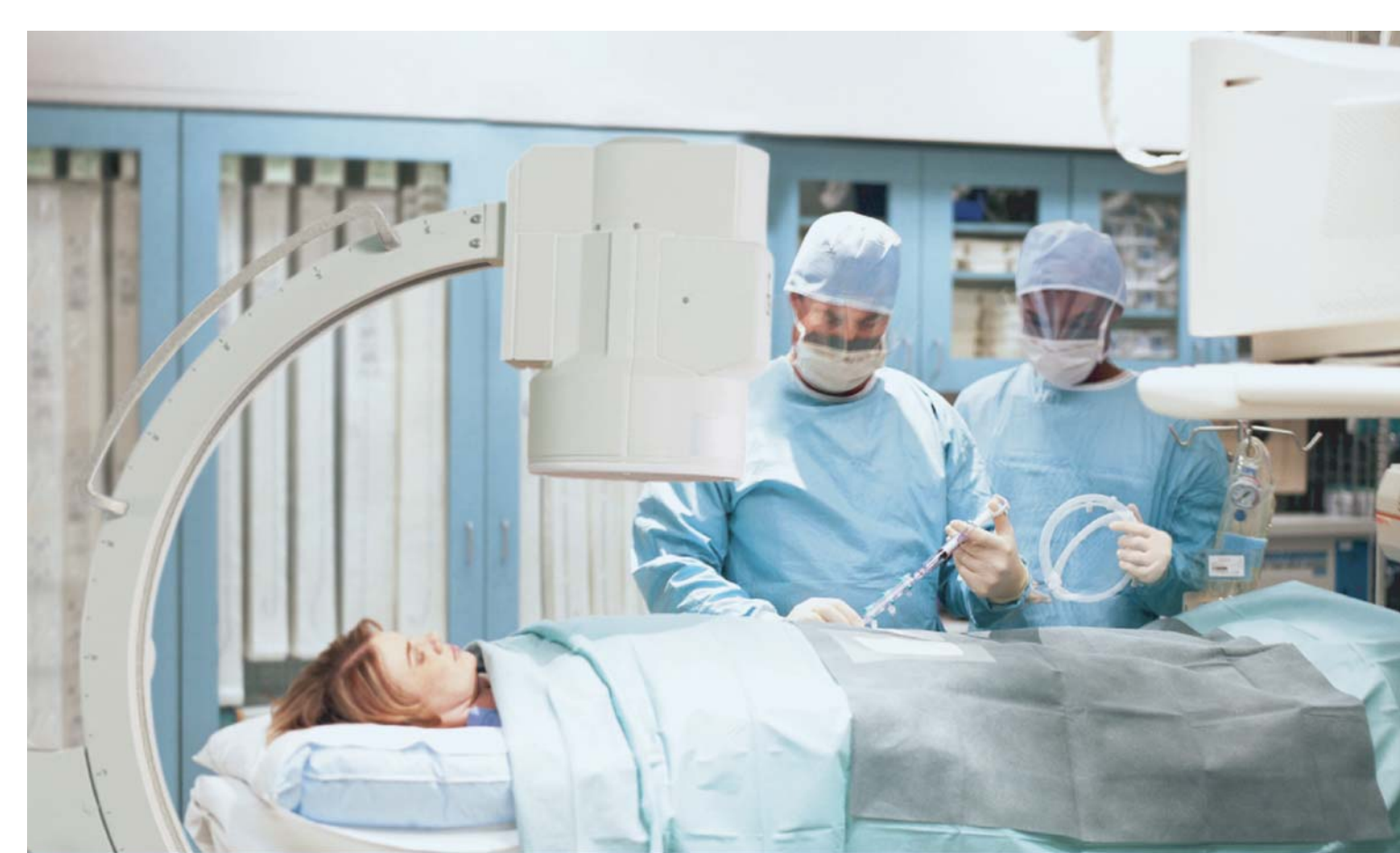
Folding and Elevating Twin 19" TFT
LCD medical monitors

Smart Cable Guard wheels

Options

- Virtual Collimator
- DAP (Dose Area Product)
- DSA (Digital Subtraction Angiography)

The KMC950 is intuitive by design,
promoting increased accuracy and ease
of operation.



Excellent image quality

The KMC950 sets new standards for image quality with the combination of improvements in generator, camera and imaging software.

In pursuit of optimal image quality, the KMC950...

- ... utilizes COMED's Digital Imaging System (DIS)
- ... precisely controls the High Frequency Generator (200kHz/12kW)
- ... is equipped with a High Resolution CCD camera (1K x 1K) & 9" I.I
- ... has twin 19" TFT LCD medical monitors

High Resolution B/W Medical Monitors with 1,000cd/m² brightness

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

Enjoy diversified technology

High power output with 12kW HFG

Our 200kHz High Frequency Generator with inverter technology generates high intensity X-Rays and greater X-ray reproduction, consistently displaying high quality images. In addition, 200kHz inverter technology reduces overall size and weight.

Longer fluoro time, superior heat capacity

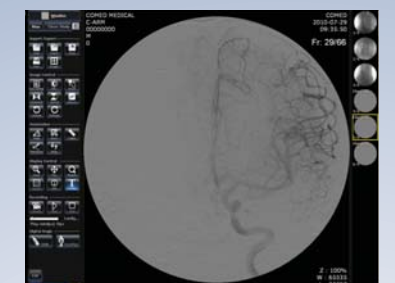
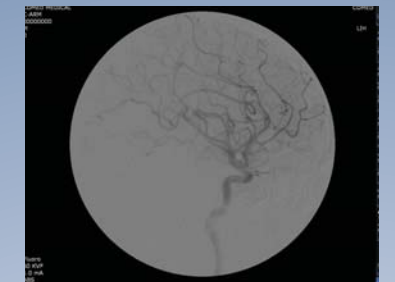
The KMC950 is designed to generate the highest output in its class. The adoption of a rotating anode tube produces clearer images and longer fluoro times without overheating.

Enhanced examinations with DSA function

DSA (Digital Subtraction Angiography) and Cine Loop functions provide enhanced examination options. Even more versatility is achieved with the addition of adjustable frame rates fully compatible with PACS.

Digital environment with CX-View software

COMED's powerful CX-View combined with our DIS (Digital Imaging System) is designed to meet the demands of complex and diversified medical image acquisition and management. Quickly "search & view" images from the internal DICOM database. Create and send DICOM files to DICOM servers or PACS systems.



Database Management

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

Unlimited Image Memory

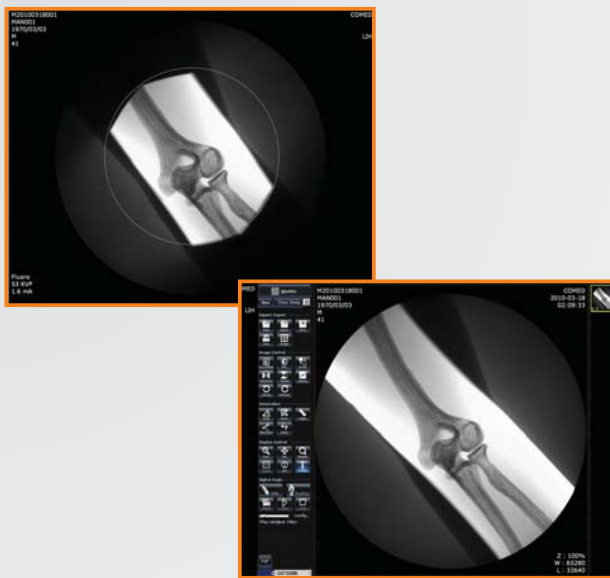
- Unlimited patient capacity
- Unlimited study images

Versatile Diagnostic Tools

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

PACS connectivity with DICOM 3.0

- Storage, MWL, Query/Retrieve, Print



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 1Kx1K high resolution camera with physical shutter guarantees superior images with minimum dose.



Smart Cable Guard

Wheels fitted with our Smart Cable Guard eliminate cable disconnects while still being able to roll over smaller obstacles.



Large diameter C-Arm

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

For your safety and convenience

Thoughtful KMC950 features for your safety and convenience

Trolley

Our modern attractive trolley is compact and easy to maneuver even in the smallest OR. Unique to the KMC950, our folding monitor mount with vertical movement and right-left flip function means ultimate display versatility and protects the monitors while moving.

The system's dual monitors feature High-Brightness (1,000cd/m²) panels for increased object detection and accuracy of operation and diagnosis.



Laser marking device

The high brightness laser pointer creates crossed beams indicating the central axis of the X-ray beam, which allows precise alignment, reduces unnecessary radiation exposure, and aids in tracking region of interest.



Touch Screen and LCD Display

Our LCD control panel combines touch screen and soft buttons for ease of operation and longevity. The intuitive design allows even first-time users to operate the system with confidence.

Different Level of Customer Service

Our customer satisfaction policy assures trustful partnership before, during, and after the purchase. While the system is in your medical facility, our service experts will provide best quality customer service now and in the future.

Service Excellence

COMED is dedicated to providing quality product and the highest level of customer service. Within this philosophy we have developed a Global Network highly qualified engineers, immediate response personnel and a flexible supply of spare parts.

3P Customer Satisfaction

Since its establishment in 1995, COMED's foremost priority has been customer satisfaction, as evidenced by our 3P Customer Satisfaction Policy.

Passionate Service

Priority of Customer's Value

Prompt Response

3P
Customer
Satisfaction
Policy

KMC 950
Standard

Adjustable viewing height and angle



KMC 650

