

# Shimadzu Medical Imaging Products



## DIGITAL ANGIO



Digital Cardiac & General Angiography System  
**DIGITEX α**

- The world's highest image quality of 1024<sup>2</sup> matrix, 30 fps., and 12 bit
- Powerfully supports IVR by various imaging techniques
- State-of-the-art 3-D DSA application package, NaviDAS (option)

## ANGIOGRAPHY



Single-plane General Angiography System  
**Angiosigma NEO**

- For use in cardiac, IVR and general angiography examinations
- Flexible C-arm positioning for the best possible approach to a patient
- Hand grip type C-arm controller CYBER GRIP provides easy & speedy manipulation (WIP)

## ANGIOGRAPHY



Floor-mounted General Angiography System  
**Angiosigma CS**

- For use in all types of angiography examinations
- Quick A-P positioning for peripheral and cerebral studies

## CARDIAC ANGIOGRAPHY



Bi-plane Cardiovascular System  
**Cardiomax CL**

- Dedicated design for use in cardiac study
- Synchronized movement of both planes for quick, easy and precise positioning

## CARDIAC ANGIOGRAPHY



Single-plane Cardiovascular System  
**Cardiomax NEO**

- Flexible C-arm positioning for the best possible approach to a patient
- Hand grip type C-arm controller CYBER GRIP provides easy & speedy manipulation (WIP)

## DIGITAL R/F SYSTEM



Multi Functional Digital C-arm table  
**Cvision (IVS-100)**

- Space-saving design requires less-installation space
- Real multi-purpose from digital R/F, IVR to DSA
- Flexible positioning by double C-arm technology

## DIGITAL R/F SYSTEM



Digital Radiography System  
**DIGITEX PRO**

- The World's highest image quality of 1024<sup>2</sup> matrix, and 12 bit
- High speed serial imaging & realtime DSA of 7.5 fps
- Powerfully supports IVR by various imaging techniques

## DIGITAL R/F SYSTEM



Digital Radiography System  
**IDR-700**

- Compact & cost effective digital R/F system
- High image quality of 512 matrix, 5 fps, and 10 bit
- Realtime DSA capability

## LOCAL-CONTROLLED R/F TABLE



High Grade Local-controlled R/F Table  
**FLUOROMAX 220 (YSF-220)**

- Advanced SFD (Spot Film Device)
- Quick positioning & wide coverage by all-way power assisted SFD
- Large field of view with a max. of 16" I.I. without ceiling suspension

### LOCAL-CONTROLLED R/F TABLE



High Performance Local-controlled R/F Table  
**FLUOROMAX 120 (YSF-120)**

- Advanced SFD
- Quick positioning & wide coverage by 4-way power assisted SFD
- Large field of view with a max. of 16" I.I. without ceiling suspension

### LOCAL-CONTROLLED R/F SYSTEM



Local-controlled R/F System  
**FLUOROMATE**

- Economical & basic 90°/15° R/F table with 2-way tabletop movement
- Automatic SFD with multi-format exposure facility
- Equipped with the world's highest class inverter type X-ray high voltage generator

### REMOTE-CONTROLLED R/F TABLE



Remote-controlled Universal R/F Table  
**RS-110**

- Universal R/F table of head-to-toe wide coverage
- Capability of performing such as General Radiography, Myelography, Urography, Planigraphy, and Angiography as well as G.I.

### REMOTE CONTROLLED R/F SYSTEM



Elevating Cassette-less R/F system  
**SHIMAVISION 3500HG**

- Cassette spotfilming (14"x17") & 2-ch / 3-size cassette-less SFD
- Human-friendly design of elevating table
- Equipped with the world's highest class inverter type X-ray high voltage generator of 50kHz max.

### REMOTE CONTROLLED R/F SYSTEM



2-channel 3-size Cassette-less R/F system  
**SHIMAVISION 3200HG**

- Cassette spotfilming (14"x17") & 2-ch / 3-size cassette-less SFD
- Equipped with the world's highest class inverter type X-ray high voltage generator of 50kHz max.
- High quality digital fluoroscopic image of horizontal resolution 700 TV-line

### REMOTE CONTROLLED R/F SYSTEM



4-size Cassette-less Universal R/F system  
**SHIMAVISION 2000HG**

- Versatility to perform spotfilming, serial imaging, Mag. imaging, & Planigraphy
- 4 size cassette-less SFD of 14"x17", 14"x14", 11"x14", & 10"x12".
- Equipped with the world's highest class inverter type X-ray high voltage generator of 50kHz max.

### REMOTE CONTROLLED R/F SYSTEM



1-channel 3-size Cassette-less R/F system  
**SHIMAVISION UX**

- High speed cassette SFD (14" X 17"/14" X 14") of feeding time 1.0sec
- High quality digital fluoroscopic image of horizontal resolution 700 TV-line
- Equipped with the world's highest class inverter type X-ray high voltage generator of 50kHz max.

### REMOTE CONTROLLED R/F SYSTEM



1-channel 2-size Cassette-less R/F system  
**SHIMAVISION AX Quatro/EX Quatro**

- Space saving design with only TWO system components-table & control console
- Chest radiography system (automatic exposure) requiring no separate ladder stand
- Equipped with the world's highest class inverter type X-ray high voltage generator of 50kHz max.

### RAD SYSTEM



X-ray Tube Holder (CH-30GH-30)  
**CH-30GH series**

- Easy positioning by the fully balanced mechanism
- Excellent operability by touch-sensor hand grips

## RAD SYSTEM



X-ray Tube Holder (FH-20HR)

### FH series

- Excellent operability by touch-sensor hand grips
- Smooth and accurate positioning

## RAD SYSTEM



Bucky Table (BK-120MK)

### BK series

- Elevating tabletop for easy patient loading/unloading
- Wide area coverage by tabletop sliding (longitudinally & laterally)

## RAD SYSTEM



Bucky Stand (BR-1H)

### BR series

- Easy setting of cassette tray without a spacer
- Quick cassette tray loading from both left and right sides

## HIGH VOLTAGE GENERATOR



High Voltage X-ray Generator  
**UD150B-30 / L-30**

- High grade inverter technology of 50kHz max.
- Max. power 80kW (B-30) / 50kW (L-30)
- Advanced Anatomical Program of max. 400 memories
- Easy & reliable operation with optical touch panel

## HIGH VOLTAGE GENERATOR



High Voltage X-ray Generator  
**UD150L-30E / 30F**

- High grade inverter technology of 50kHz max.
- Max. power 50kW (at 3-phase 400V) / 32kW (at Single-phase 200V)
- Advanced Anatomical Program of max. 224 memories

## HIGH VOLTAGE GENERATOR



High Voltage X-ray Generator  
**UD150L-30EX / 30FX**

- High grade inverter technology of 50kHz max.
  - Max. power 50kW (at 3-phase 400V) / 32kW (at Single-phase 200V)
  - Advanced Anatomical Program of max. 224 memories
- (For Europe & U.S.A. only)

## MOBILE X-RAY UNIT



Mobile X-ray Imaging Unit  
**CARTLEX MU125M**

- 32kW/30kHz high performance inverter system
- Large tube current & small focal spot
- Excellent maneuverability by dual-handle, dual-motor drive
- Speedy positioning by completely balanced arm

## MOBILE X-RAY UNIT



Mobile X-ray Imaging Unit  
**CARTLEX  $\mu$  MU125P**

- 16kW/20kHz high performance inverter system
- Excellent maneuverability by motor-less, light weight (only 200kg) & compact design
- Speedy positioning by completely balanced arm & cable-less design

## MOBILE C-ARM SYSTEM



Surgical Mobile C-arm Imaging System  
**OPESCOPE WHA-50 series**

- Easy cleaning-up by cable-less design
- Speedy positioning by lever-less design
- Realtime DSA capability (option)

## CT SCANNER



Spiral CT Scanner

### SCT-7000T Series

- High quality images, lower patient dose
- Equipped with Solid State Detector as standard (SCT-7000TS)
- The Latest Spiral & 3-D technology included

## CT SCANNER



Slipping CT Scanner

### SCT-6800T Series

- High speed scanning by slipping technology
- Easy operation with optical touch panel and pop-up menu
- Compact design of min. 18m<sup>2</sup> installation space

## CT SCANNER



Whole Body CT Scanner

### SCT-4800T Series

- Powerful 64bit high speed technology
- Simple operation for routine examinations
- Capability to support General & Bucky radiography (GR type)

## CT SIMULATOR



Spiral CT for Radiotherapy Planning  
**CT TARGET**

- Isocenter, radiation field and block shape marking
- Accurate and speedy planning with independent workstation
- Common patient couch with X-ray simulator

## MRI SYSTEM



Magnetic Resonance Imaging System  
**MAGNEX EPIOS 5<sub>(0.5T)</sub>**

- Advanced imaging capabilities including Single Shot EPI
- Offers one of the most comprehensive Fast SE package
- 64bit dual array processor incorporated first in the world

## MRI SYSTEM



Magnetic Resonance Imaging System  
**MAGNEX EPIOS 10<sub>(1.0T)</sub> / 15<sub>(1.5T)</sub>**

- Excellent man machine interface
- High quality images supporting MRI diagnosis
- Advanced imaging capabilities including Single Shot EPI & MTC imaging, etc.

## ULTRASOUND SYSTEM



Linear/Convex Type Ultrasound Scanner  
**SDU-450**

- 12MHz high frequency probe can be adopted (option)
- Clear image by True Line Image Formation
- Digital image communication for archiving by memory-card or on-line network (option)

## ULTRASOUND SYSTEM



Compact Type Ultrasound System  
**SDU-350XL**

- Easy to carry, light & compact design
- Serial images (max. 32 frames × 2) can be stored with CINE MEMORY (option)
- 10MHz high frequency probe can be adopted (option)



**SHIMADZU CORPORATION.** International Marketing Division

3, Kanda-Nishikicho 1-chome, Chiyoda-ku, Tokyo 101-8448, Japan Phone: 81(3)3219-5641 Fax: 81(3)3219-5710  
Cable Add.: SHIMADZU TOKYO

**SHIMADZU MEDICAL SYSTEMS**

20101 South Vermont Ave., Torrance, California 90502, U.S.A.  
Phone: 1(310)217-8855 Fax: 1(310)217-0661

**SHIMADZU DEUTSCHLAND GmbH**

Albert-Hahn-Strasse 6-10, D-47269 Dinsburg, F.R. Germany Phone: 49(203)7687-0 Fax: 49(203)766625

**SHIMADZU (ASIA PACIFIC) PTE LTD.**

16 Science Park Drive #01-01 Singapore Science Park, Singapore 118227, Republic of Singapore  
Phone: 65-778 6280 Fax: 65-779 2935

**SHIMADZU (HONG KONG) LTD.**

Suite 1028 Ocean Center, Harbour City, Tsim Sha Tsui, Kowloon, Hong Kong  
Phone: 852-2375-4979 Fax: 852-2199-7438

**SHIMADZU MEDICAL SYSTEMS (OCEANIA) PTY. LTD.**

Rydalmere Business Park, Unit T, 10-16 South Street, Rydalmere, N.S.W. 2116, Australia  
Phone: 61(2)9898-2444 Fax: 61(2)9684-4055

**SHIMADZU DO BRASIL COMÉRCIO, LTDA.**

Rua Centro Senghi 25, CEP05036-010, Água Branca, São Paulo, Brasil  
Phone: 55(11)861-1685 Fax: 55(11)861-2209

**Overseas Offices**

Istanbul, Beijing, Shanghai, Guangzhou, Shenyang, Chengdu, Moscow



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- ※ The appearances and specifications are subject to change for reasons of improvement without notice.
- ※ Certain configurations may not be available pending regulatory clearance. Contact your Shimadzu representative for information on specific configurations.
- ※ Before operating this system, you should first thoroughly review the instruction Manual.