



SHIMADZU
Solutions for Science
since 1875

C50G-E028

Shimadzu Medical Imaging Products



DIGITAL ANGIO



Digital Cardiac & General Angiography System
DIGITEX QX

- The world's highest image quality of 1024² 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 1024² 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 μ 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



Sliding CT Scanner
SCT-6800T Series

- High speed scanning by sliding technology
- Easy operation with optical touch panel and pop-up menu
- Compact design of min.18m² 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 (0.5T)

- 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 (1.0T) / 15 (1.5T)

- 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 Duisburg, 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: 852-2375-4978 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 Genro Sorghi 25, CEP05036-010, Água Branca, São Paulo, Brasil
Phone: 55(11)861-1688 Fax: 55(11)861-2209

Overseas Offices

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



Shimadzu Corporation's Medical Systems Group was certified for applying a quality system for design/development, manufacturing, sales, installation and servicing of products in accordance with ISO 9001 and EN 46001.

Remarks:

- ※ Every value in this catalogue is a standard value, and it may vary a little from the actual at each site.
- ※ 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.