

WDM



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Note: Design and specification subject to change without notice.



WDM

WDM Product Series

Since 1955, Wandong has engaged in the R&D, manufacturing, sales and service of medical imaging equipment. We went public on the Shanghai Stock Exchange in 1997. As a reputable imaging solution supplier, we're committed to providing an overall solution to hospitals, imaging centers and medical institutes with advanced and reliable diagnostic equipment and services. To meet various clinical demands, Wandong's product lines include MRI, CT, DSA and a full range of General X-ray equipment as well as SaaS platform service.





i_Vision 1.5T

Liquid Helium Free Superconductive MRI System

- Zero Helium Magnet, low risk and low loss from quenching
- No need quench pipe, less limitations to the site selection
- Intelligent excitation unit ensures magnet safe in accidental case
- Fiber optical RF technology brings greater SNR and highly improves image quality
- Intelligent shimming technology to achieve homogeneity up to 0.05ppm in a second
- 8-32 channel parallel acquisition achieves higher scanning speed
- Electric patient table with whole body integrated coil units
- GSM intelligent monitoring system
- Mobile device control and remote image review
- High performance workstation with comprehensive sequences and functionalities
- DICOM 3.0 fully compliant



i_Field 1.5T

Large-Aperture Superconductive MRI

- 70cm large aperture, friendly to special exam position and patient who needs special care
- High performance amplifiers empower system with an excellent magnetic field characteristics equal and even superior to 60cm bore system
- i_Smooth technology improves patient experience with low noise environment
- Fiber optical RF technology brings greater SNR and highly improves image quality
- Intelligent shimming technology to achieve homogeneity up to 0.05ppm in one second
- 8-32 channel parallel acquisition achieves higher scanning speed
- Zero helium boil-off
- GSM intelligent monitoring system
- Mobile device control and remote image review
- High performance workstation with comprehensive sequences and functionalities
- DICOM 3.0 fully compliant

i_Space 1.5T

Superconducting MRI System

- Fiber optical RF technology brings greater SNR and highly improves image quality
- Intelligent shimming technology to achieve homogeneity of scan area up to 0.05ppm in one second
- 8-32 channel parallel acquisition achieves higher scanning speed
- Zero helium boil-off
- GSM intelligent monitoring system
- Mobile device control and remote image review
- High performance workstation with comprehensive sequences and functionalities
- DICOM 3.0 fully compliant



i_Open Series

Permanent MRI System

- C-Shape permanent magnet with magnetic field strength of 0.36T/0.4T
- Two-pillars structure permanent magnet with magnetic field strength of 0.5T
- Passive + digital shimming
- Whole body MRI with patient gap 390 mm±10 mm
- Low maintenance and running cost
- Phase array receiving coils, 2-4 channels digital spectrometer
- Comprehensive sequences and functionalities: SE, GE, IR, FSE, FGE, MRA, STIR, FLAIR, MTC, MRCP, TOF, etc
- High performance workstation with DICOM 3.0 compliance





CGO Series

FPD Angiographic & Cardiac System

- High frequency 100kW generator
- Large capacity of X-ray tube assembly
- Floor mounted C-arm, large range of movement along three concentric axes, affiliated with 2 meters longitudinal movement of cath-table enables head to toe examination/treatment without moving patient
- Cath-Table: four-way floating of tabletop, electric up/down movement
- Multiple anti-collision system thanks to the technology of real-time software simulation, capacitive sensors, detector self-balance
- Low dose imaging and multiple radiation protection
- Motorized rotatable 40cm×30cm CsI FPD
- 2048×1536 high resolution with 30 fps image acquisition rate
- InvaRay 4.0 intelligent imaging platform, DSA
- Comprehensive image processing workstation capable of handling various complicated procedures
- Outstanding data safety and DICOM 3.0 compatibility

TURBOTOM Series

Computed Tomography System

- 32/64/128 slice CT
- 76cm large aperture, open for diverse clinical use
- 5MHU liquid metal bearing tube
- High-definition imaging at reduced dose
- Physical inclination $\pm 30^\circ$ provides precise scanning field
- Automatic lifting table
- 0.49s/r + 0.5mm slice thickness
- Pediatric-specialized low dose protection protocol
- Tele-eye 3D AI navigation system

(subject to specific model)





New Oriental 1000L Series Fully Automatic Ceiling Suspended Panorama DR

- Specialized solution for full spine and lower extremity weight-bearing imaging and scoliosis detection
- Extremely rapid full frame imaging within 12s
- 1 exposure at 30% of conventional stitching dose
- Super wide-angle projection supports imaging length up to 120cm in one shot
- MIX balanced imaging technology ensures balanced and consistent imaging



New Oriental 1000F Series

Fully Automatic Ceiling Suspended DR

- Ceiling suspended tube column with six-direction fully electric moving
- 17" x 17" large size wireless FPD, 139um, 3kx3k and optional 100um, 4kx4k
- Higher resolution and more details acquired by lower dose
- Automatic fast switch to programed positions
- X-ray projection auto collimation to the detector
- 4-way floating bucky table with electric elevation
- Large size LCD touch screen control for fast positioning program, parallel setting of exposure parameters and instant image preview
- Powerful INVARAY digital imaging platform
- Automatic image stitching (optional)
- Removable grid (optional oscillating grid)
- DICOM 3.0 compatibility



New Oriental 1000U Series

U-arm DR

- Compact and self-balanced U-arm structure enable installation without any auxiliary support in a minimized space
- Fully automatic (motorized) positioning, fast switch to programed position
- 17" x 17" FPD, 3kx3k pixel matrix
- Large size LCD touch screen control for fast positioning program, parallel setting of exposure parameters and instant image preview
- Infrared anti-collision protection
- More than 600 APR programs for doctor's reference
- InvaRay digital imaging platform
- Optional dynamic FPD enables both fluoroscopy acquisition up to 25fps and spot image acquisition
- Optional stitching (for dynamic version only)
- DICOM 3.0 fully compliance



New Oriental 1000N Series

Integrated Floating Table DR

- Classical RAD room structure, ease of use
- Motorized vertical moving of X-ray tube, auto tracking to the detector
- Large size LCD touch screen, enable parallel setting of exposure parameters and instant image preview
- 17" x17" FPD, fixed or wireless
- Optional dynamic FPD enables both fluoroscopy acquisition up to 25fps and spot image acquisition
- Optional image stitching
- InvaRay digital imaging platform
- DICOM 3.0



New Oriental 1000N Series

Floor-rail Tube Column DR

- Motorized vertical moving of X-ray tube, auto tracking to the detector
- Large size LCD touch screen, enable parallel setting of exposure parameters and instant image preview
- Fixed or wireless FPD detector, 17" x17"
- More than 600 APR programs for doctor's reference
- InvaRay digital imaging platform
- Optional elevating bucky table
- Optional fully automatic stitching
- DICOM 3.0



M40/50/600 Series

Mobile DR Unit

- High frequency 40kW DR unit
- Large FPD 43cmx35cm / 43cmx43cm with WiFi connectivity
- Optional 24cmx30cm WiFi FPD for pediatric application
- Touch-screen console
- Flexible tube arm
- FPD battery auto recharging (in detector parking slot)
- Built-in large capacity battery pack for over 1000 exposures
- Optional electric driven cart (with travel distance up to 10km)
- Compact structure, better adaption to narrow space

DM-2/2A

Full-field Digital Mammography

- Advanced 24cm x 30cm full-field FPD detector
- High frequency 4.8kW generator
- AEC function
- High image quality with low radiation dose
- More comfort and safety during examination
- Powerful image processing function





DRF Series

Dynamic FPD RF System

- High frequency 50/80kW generator
- Advanced dynamic FPD technology
- High acquisition rate up to 30fps
- Remote controlled diagnostic table 25°/45°/90°
- Variable SID, Max.1.8 m
- Powerful image processing function
- Optional oblique projection $\pm 45^\circ$
- Optional tomosynthesis
- Optional static/dynamic stitching
- Optional elevating table