

**WDM**

# i\_Open Series

Super Open Permanent MRI System

Precision & Vision



**WDM**

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Note: Design and specification subject to change without notice.

# i\_Open 0.36T/0.4T

## Integrated design

### “C” shape open magnet

- High purity magnetic materials, small size of magnet saves room space.
- 320° open magnet provides comfortable patient experience.
- Embedded patient table makes it easy for doctor's operating.
- Crossing laser positioning system ensures quick and precise positioning.
- Auto-constant temperature technology improves the system stability.

### Multi-channel phased array system

- Multi-channel parallel acquisition technology increases the acquisition speed.
- Auto-tuning system keeps the MRI system working in best condition.
- High quality image acquired with rich details.



Phase array coil: multi-channel increases the data acquisition speed to get high resolution image

Flexible body coil: for special body type of patients

Joint kinematics coil: for new clinical application

# i\_Open 0.5T

## Top Level Configuration

### Unique open structure

Unique twin pillar open structure, large span and big gap, bring patient comfortable and relaxed experience.  
Motorized six-way patient table makes patient positioning easy.  
Laser positioning system, dual touch-screen panel, digital display, convenient for doctor operating.

### Highest field strength plus multi-channel phase array technology

High purity magnetic materials make the weight lighter and the size smaller.  
Less scanning time and higher SNR.  
High image resolution and rich details.

### High efficiency radio frequency system

Less thickness of transmitting coil provides larger patient gap.  
Integrated design of transmitting coils provides more convenience for installation and maintenance.  
Symmetrical coil design enhances magnetic field stability.



### Complete coil series

Dedicated design for permanent MRI.  
Coils customized service.  
Self-development and manufacture, easy for system maintenance and update.



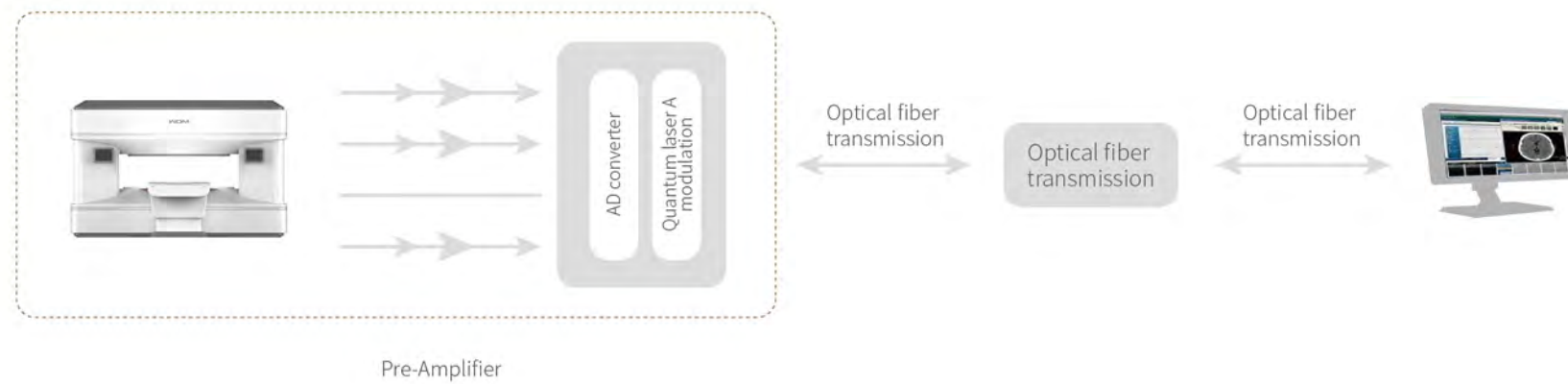
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## Full Digital Optical Fiber Spectrometer

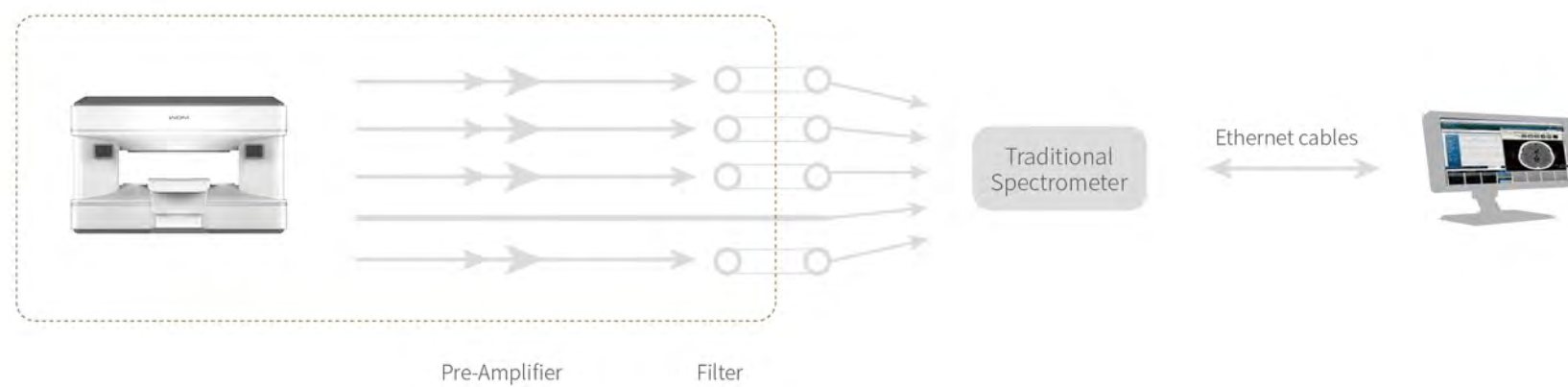
### Optical Fiber Transmission Technology

- High transmission rate.
- Low loss transmission.
- High performance of anti-interference.
- Greatly improved SNR and image quality.

Magnet room



Magnet room



## Multi-task management

- Easy windows switching improves working efficiency.
- Pre-registration supports high patient flow.

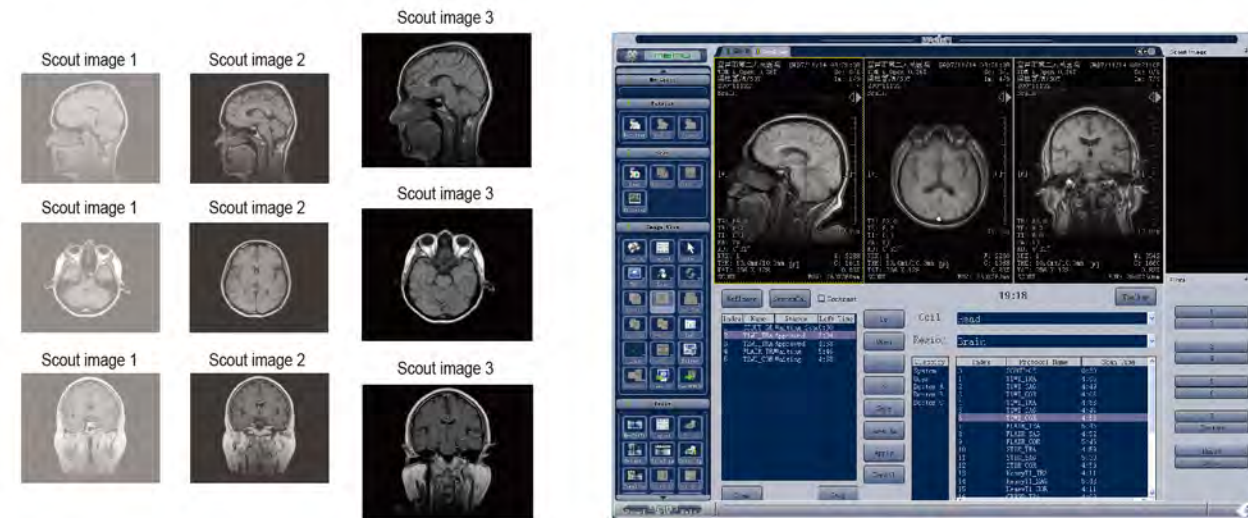


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## Multi-function Operating System

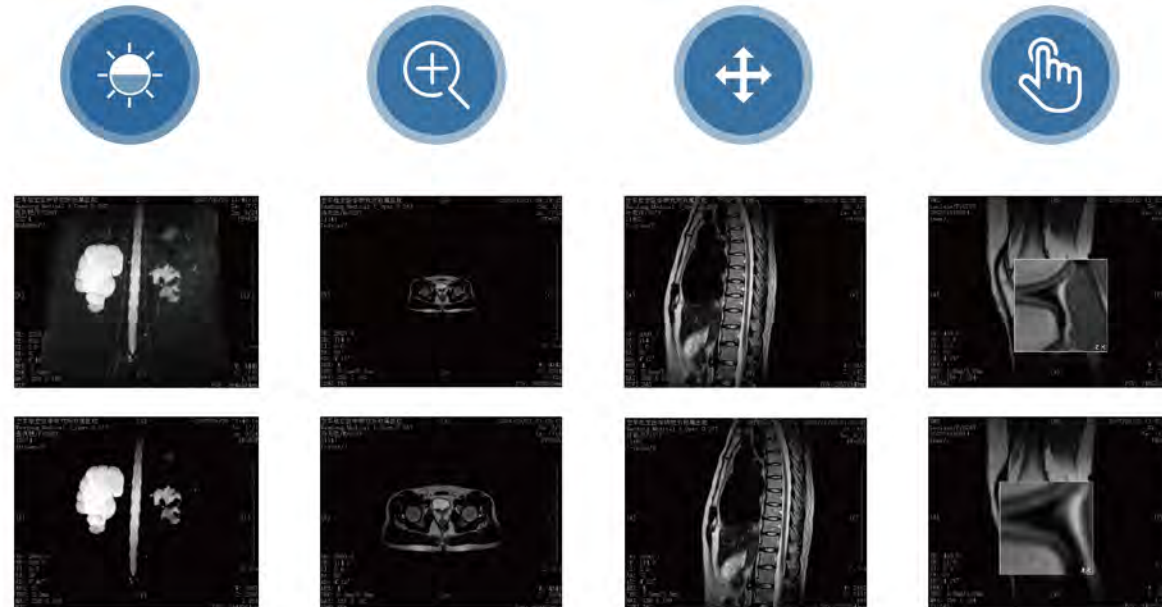
### Leading technology of 9 slices of scout image

Three groups of scout image acquisition in one pilot scan.



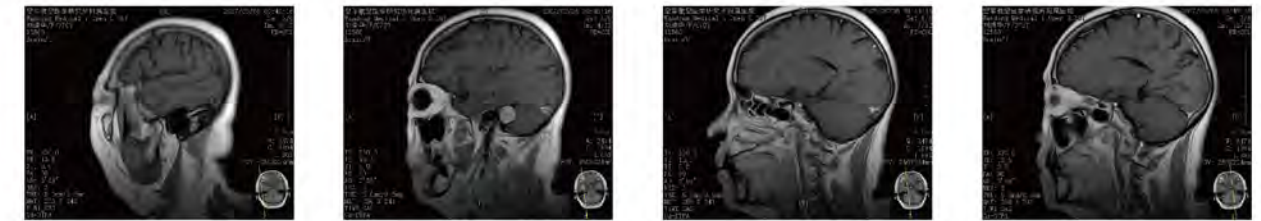
### Image reviewing

By mouse click on the corresponding corner of the image to perform zooming, dragging, magnifier, window width and window level.



### Image navigation

Slice position indicated by an auxiliary scout image at corner.  
Navigation image makes diagnosis report reading easily.



### Irregular printing layout support

Template customization and storage.  
Arrange images as you wish.



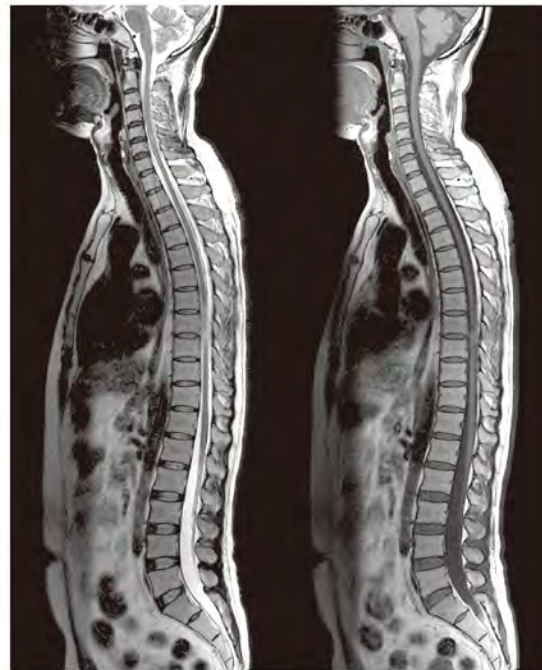
### Classified management for user-defined sequence library

Pre-defined scanning parameters and positions, simplify the scanning procedure.  
Multi-users management supports storing customized sequence parameters, scanning mode and sequence grouping for different operators.  
Automatic parameter validity verifying, avoids operating mistakes.

Classify	Index	Protocol Name	Scan Time
System	0	SCOUT-GS	0:30
User	1	T1WI_TRA	4:06
Doctor A	2	T1WI_SAG	4:49
Doctor B	3	T1WI_COR	4:06
Doctor C	4	T2WI_TRA	4:58
	5	T2WI_SAG	4:54
	6	T2WI_COR	4:58
	7	FLAIR_TRA	5:48
	8	FLAIR_SAG	4:52
	9	FLAIR_COR	5:46
	10	STIR_TRA	4:59
	11	STIR_SAG	5:30
	12	STIR_COR	4:59
	13	HeavyT1_TRA	4:11
	14	HeavyT1_SAG	5:48
	15	HeavyT1_COR	4:11
	16	CBCT_TRA	4:00

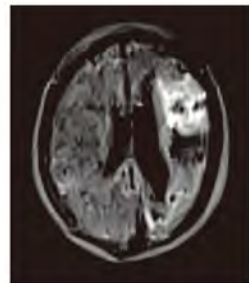
# i\_Open Series

High-quality Images



CTL-T2WI-SAG

CTL-T1WI-SAG



DWI



TOF3D MRA



PC3D MRV



TOF2D MRA



MRCP



MRU



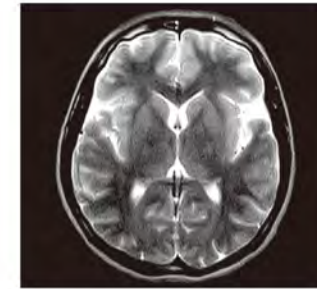
CE Renal Artery



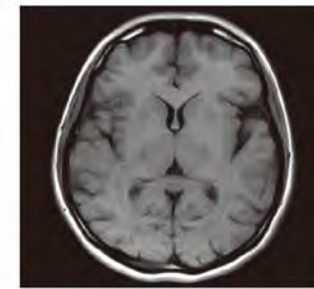
CE Iliac Artery



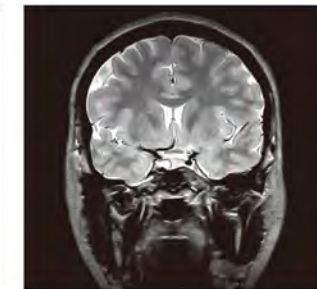
CE Peripheral Artery



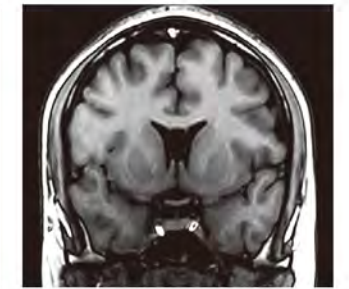
Brain-T2WI-TRA



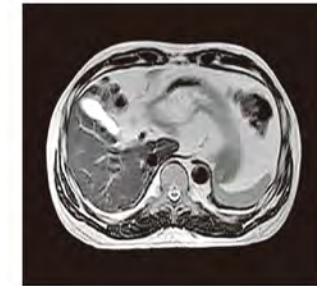
Brain-T1WI-TRA



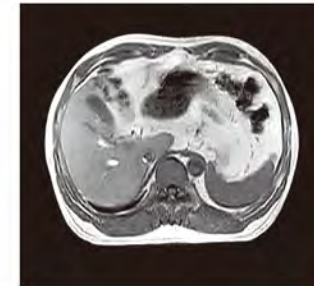
Pituitary-T2WI-COR



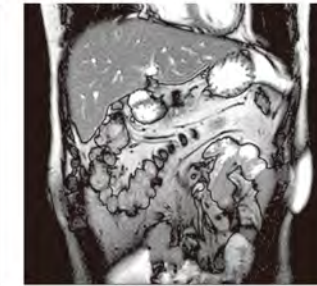
Pituitary-T1WI-COR



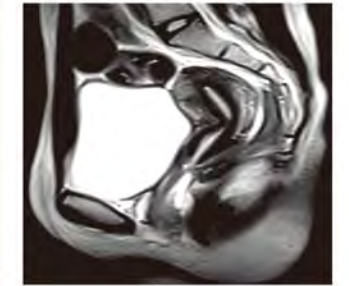
Abdomen-T2WI-TRA



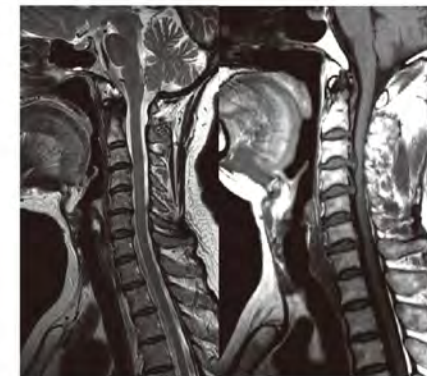
Abdomen-T1WI-TRA



Abdomen-FLASH-COR



Pelvis-T2WI-SAG



CSpine-T2WI-SAG



CSpine-T1WI-SAG



TSpine-T2WI-SAG

TSpine-T1WI-SAG

LSpine-T2WI-SAG

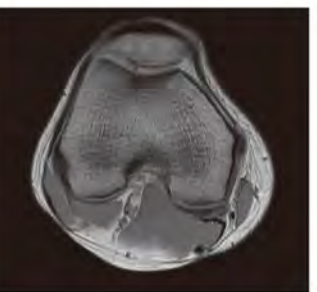
LSpine-T1WI-SAG



Knee-T1WI-COR



Ankle-T1WI-SAG



Knee-GRE-TRA



HIP-T1WI-COR

# Vet MRI Systems

The efficient and intelligent scanning system brings non-invasive and accurate examinations of animals. The system can be used to examine whole body including brain, spine, nerves, blood vessels, abdomen, pelvis, tumours, musculoskeletal joints, etc.



## Premium Magnetic System

High grade magnetic material.  
Compact design, light weight.  
320 degree panoramic C-shape open design.  
Self constant temperature technology.

## HD Image Guarantee

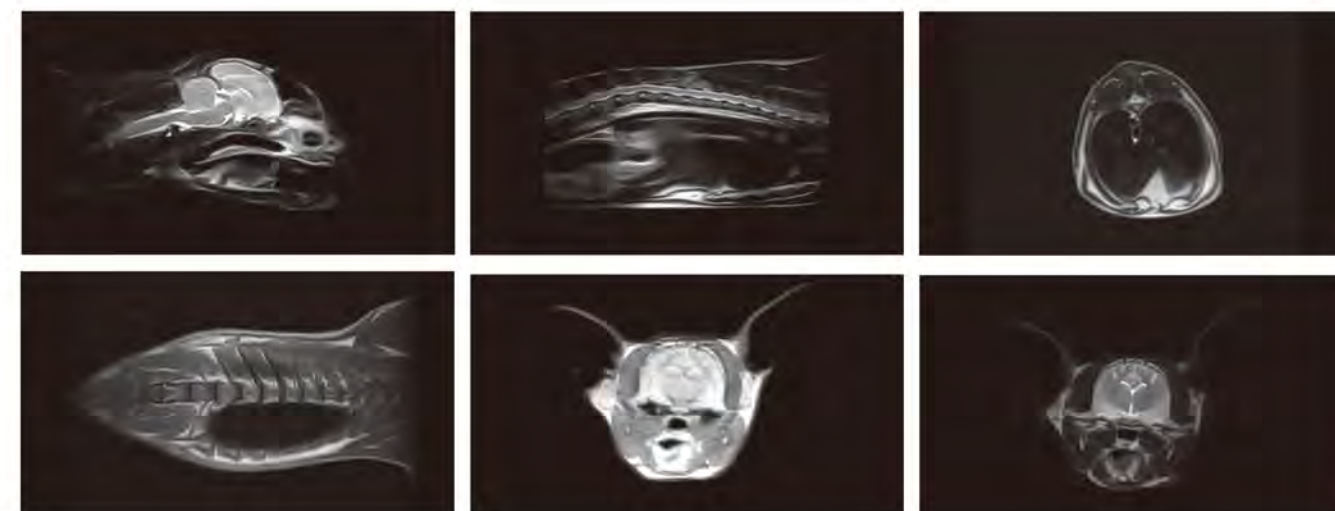
Low signal loss and high SNR thanks to the fiber optical transmission.  
Vet-specific high gradient power and high slew rate ensuring thin layer imaging with more details.

## Dedicated Coils

Designed for better fit to the animal's body feature.  
Special RF receiving chain designed by the wide-band noise matching and high power to improve image quality.  
Considerate coil design to meet the scenario of respiratory anaesthesia application.

## Efficient Scanning Process

One key for automatic positioning and one key for intelligent scanning.  
User-friendly software operating platform, simple operation and smooth use.



# Global service caring for you

## 24hours online support

Quick response and remote technical support, on-line trouble shooting, spare parts inventory and quick delivery.

## Free software upgrade

Fully self-developed acquisition platform, free lifetime software upgrade, always providing you the excellent experience.

## Professional team

Wandong imaging products has been installed in over 90 countries, more than 100 distributors and authorized service partners are ready to provide professional service.

## Regular maintenance

Regular maintenance by experienced and qualified engineers, guarantees the stable operation, prevents major failures, and extends the equipment life.

