WHY ANKE

ANKE stands out as a trailblazer and pioneer in the Chinese medical imaging industry since 1986.

As a leader in the field, ANKE has focused on the development, production, sales, and after-service of various medical imaging products, including CT, MRI, radiography equipment, and minimally invasive devices.

ANKE has consistently placed in the top 3 in terms of export sales volume over the last six years.

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ANKENSD-PB-SM1.5THF-2024

SuperMark 1.5T

Helium-Free System

Redefine the era of MRI scanner

INSIGHT INTO LIFE

A fabulous balance of **comfort and productivity**

Traditional MRI systems depend on liquid helium to cool superconducting magnets, but liquid helium is scarce, expensive, and environmentally impactful. The Helium-Free MRI conserves resources, reduces maintenance costs, and mitigates operational risks.

ANKE has launched an epoch-making product - SuperMark 1.5T Free Helium MRI, which revolutionizes the development of SO-COOL cryogenic conduction platform and incorporates cutting-edge technologies like ultra-efficient cryogenic conduction, high-vacuum confinement, and precise temperature control. Additionally, featuring an Ai imaging operation platform, enhancing image quality and speeding up imaging processes.

Free your aspiration
The latest SO-COOL technology

Free your workflow
Deep Series technology

Free your productivity
ANKE intelligence algorithm

Free your application
High resolution imaging

Free your aspiration
with the latest SO-COOL technology

Free helium magnets, achieving zero liquid helium consumption while maintaining the superconducting state of the magnet, thus completely getting rid of the risk of "loss of super" in MRI, and pushing the development of magnetic resonance equipment into a brand new era. And equipped with Deep series platform, which brings a brand-new experience to the patient scanning experience and accelerates the productivity of the new quality.

Breaking through the limitations of a non-renewableresource-liquid helium

Delivers more flexible site plans and safety for emergency conditions

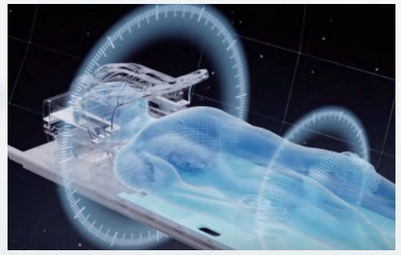
Minimal operating costs because of no liquid helium

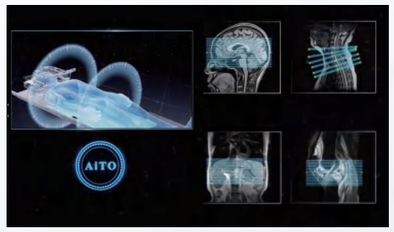
Minimal magnet down time because of automatic ramp up/down units

Free your workflow
with Deep Series technology

DeepFlow
Intelligent workflow before the examination

iART covering the entire workflow from the scanning room to the control room, effectively optimizing work steps, achieving high efficiency and alleviating radiologists' workload.



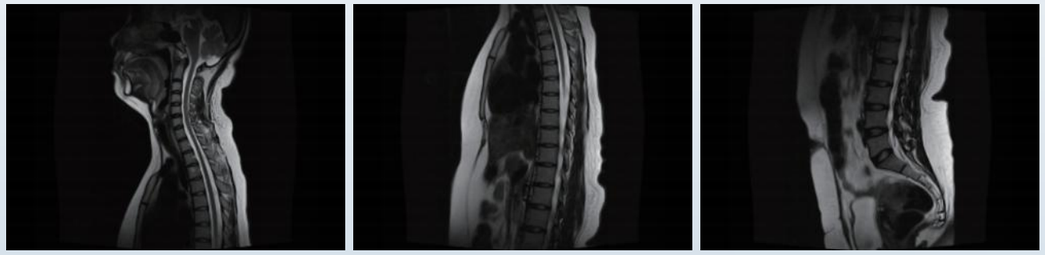


DeepInsight
Intelligent workflow during the examination

Multi-acceleration techniques dramatically increase the speed of MRI image acquisition and reconstruction, ensuring beneficial image quality and accelerating all imaging productivity.

DeepPost
Intelligent workflow after the examination

Ai-stitching realization of large imaging ranges such as whole spine scanning imaging technology is a great help in the observation and diagnosis of spinal lesions.



Free your productivity
with ANKE intelligence algorithm

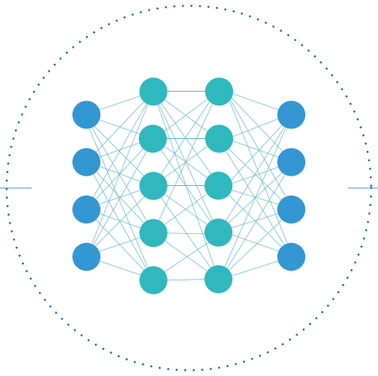
Hyper.recon compared to traditional reconstruction methods, the usage of deep learning-based Ai reconstruction dramatically reduces imaging time while improving signal-to-noise ratio and contrast, showing local details more clearly, and shorter scanning time contributes to motion artifacts reduction, and improve confidence in the diagnosis of diseases.

Hyper SNR

In the same exam time,
obtain high SNR image quality to efficiently improve diagnostic accuracy.

Hyper productivity

In the same image quality,
AI reconstruction improve acquisition efficiency and daily productivity.



Hyper resolution

In the same exam time, improve resolution and sharpness to accurately display subtle lesion.

Hyper fidelity

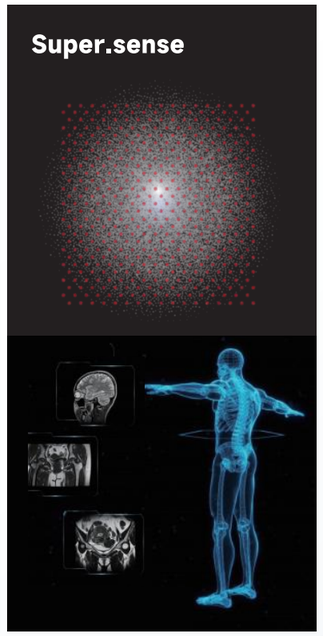
In the reconstruction process, utilize unique fidelity module to ensure the consistency of image contrast and structure.

Super.sense leverages the sparsity of the signal to accurately reconstruct the original signal with far fewer measurements than required by the traditional sampling theorem.significant temporal resolution benefits along with satisfactory spatial resolution.

By utilizing compressed perception greatly accelerates scanning, reduces scanning time, and improves patient throughput and productivity. Additionally compressed perception delivers significant temporal resolution benefits along with satisfactory spatial resolution.

Suitable for all anatomical parts, greatly reduce the scanning time.

Applied in 3D scanning, speed up whole exam for all.



Free your application
with high resolution imaging

- **LAST technology**

Long ETL with variable flip Angle 3D Scanning Technology enable high resolution imaging of the whole body.

With the advantages of higher isotropic resolution, faster imaging speed and larger coverage, VFA-FSE 3D plays an increasingly important role in the diagnosis of intracranial arterial wall lesions.

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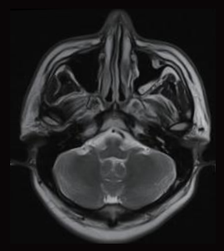
- **FAST technology**

Fast Abdominal 3D Scanning with Thin slices achieve dynamic enhancement of tissues and organs and significantly shorter breath-holds and improved resolution.

Abdominal dynamic enhancement can not only show the morphological characteristics of the mass, but also help to identify its benign and malignant nature, and has greater advantages in the characterization of the lesion and boundary display. It can directly reflect the blood supply of the lesion, which helps more accurate diagnosis.

Clinical Gallery

Brain



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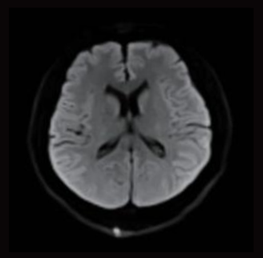
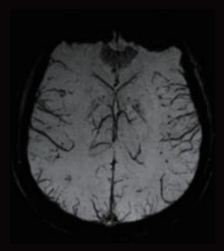
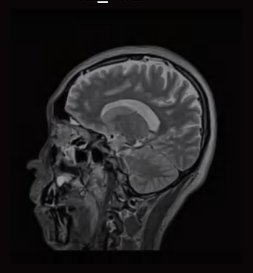


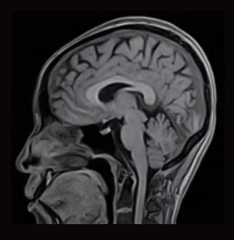
DWI_B1000



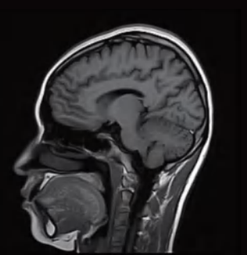
SWI_MinIP



T2_FSE_VFA_ISO_SAG



T1_IRGRE3D



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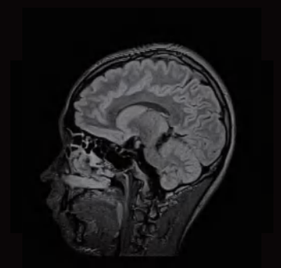

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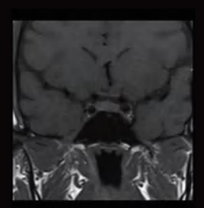
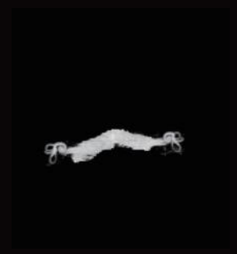
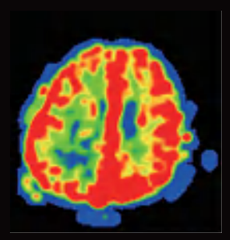


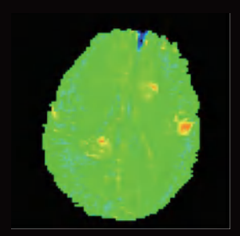
Pituitary gland T1_COR



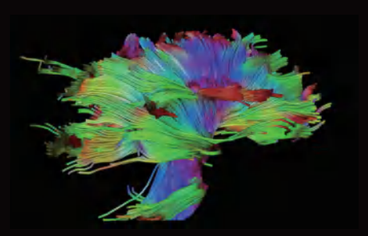
IAC_MIP



PWI_rCBV

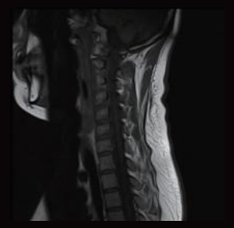


APT

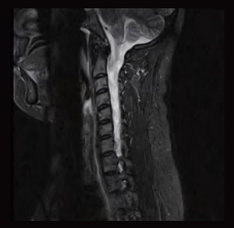


DTI

Spine

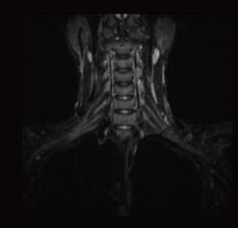


T1WI

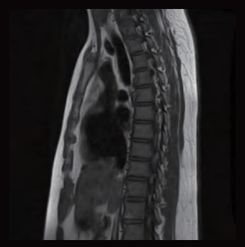


T2_STIR

T2WI



MRN



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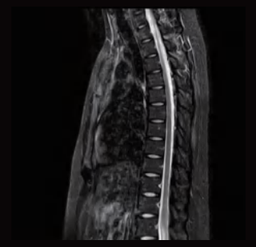

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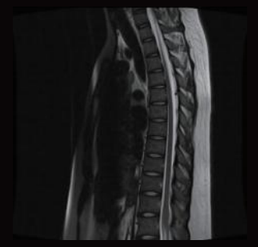
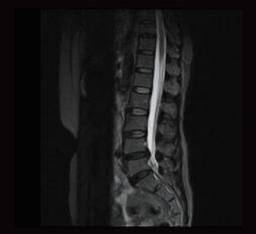


T2WI

Whole spine

T1WI



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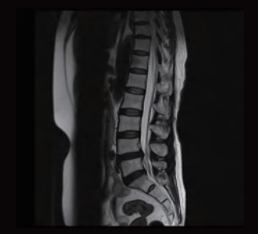
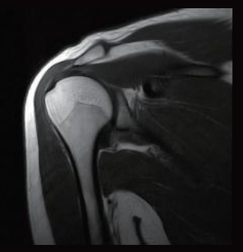
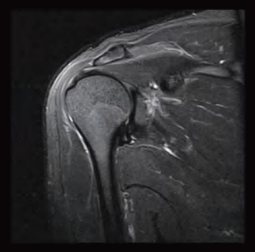


T2WI

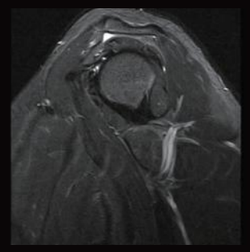
Joints



T1WI

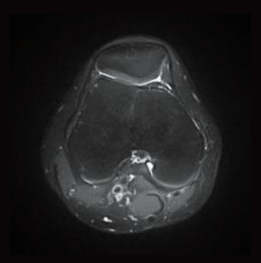


T2_STIR



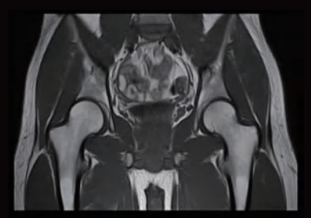
T2_STIR_SAG

PD_FS



PD_FS_PROP

SAG_GREME



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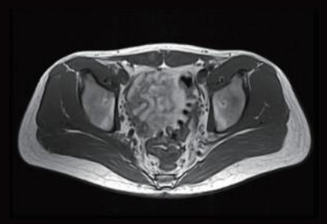
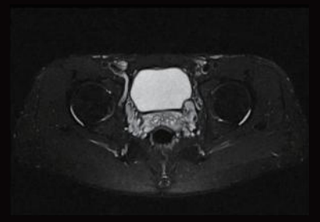


T1WI



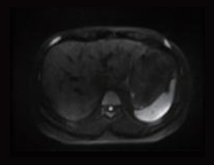
T2_FS

T2_STIR

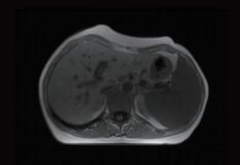
T1_FSE_VFA

TIWI

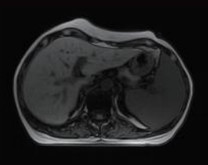
Body



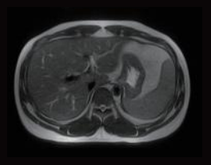
ssDWI_B800



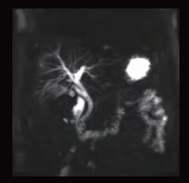
T1_GREDE_In Phase



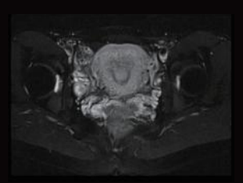
T1_GREDE_Oppsite Phase



T2_SSFSE



MRCP 2D



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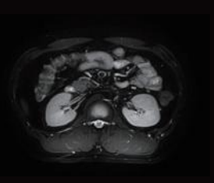
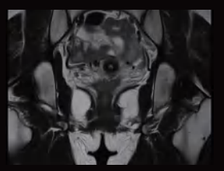
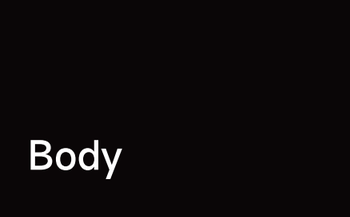


T2_FS_PROP

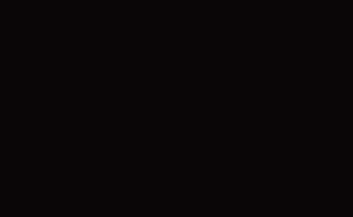


T2WI

Angio&Hydro



MRA



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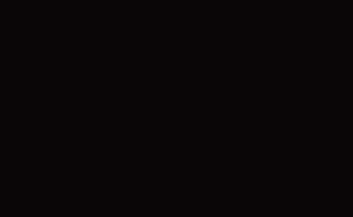
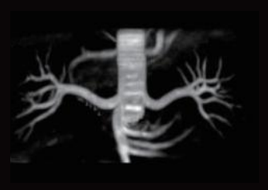


Neck_TOF3D

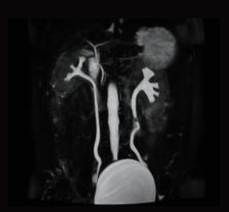
Cardiac_CINE



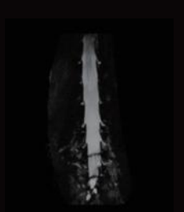
Renal_MRA

Renal_MRA_VR

MRCP



MRU



MRM

Powerful hardware for whole sysytem

- Uniform magnet system
- Free helium magnet
- High performance gradient system
- Powerful output of RF system

Ai help Streamline workflow

- ART platform
- Automatic patient table movement
- AiTO engine

More **accurate imaging**

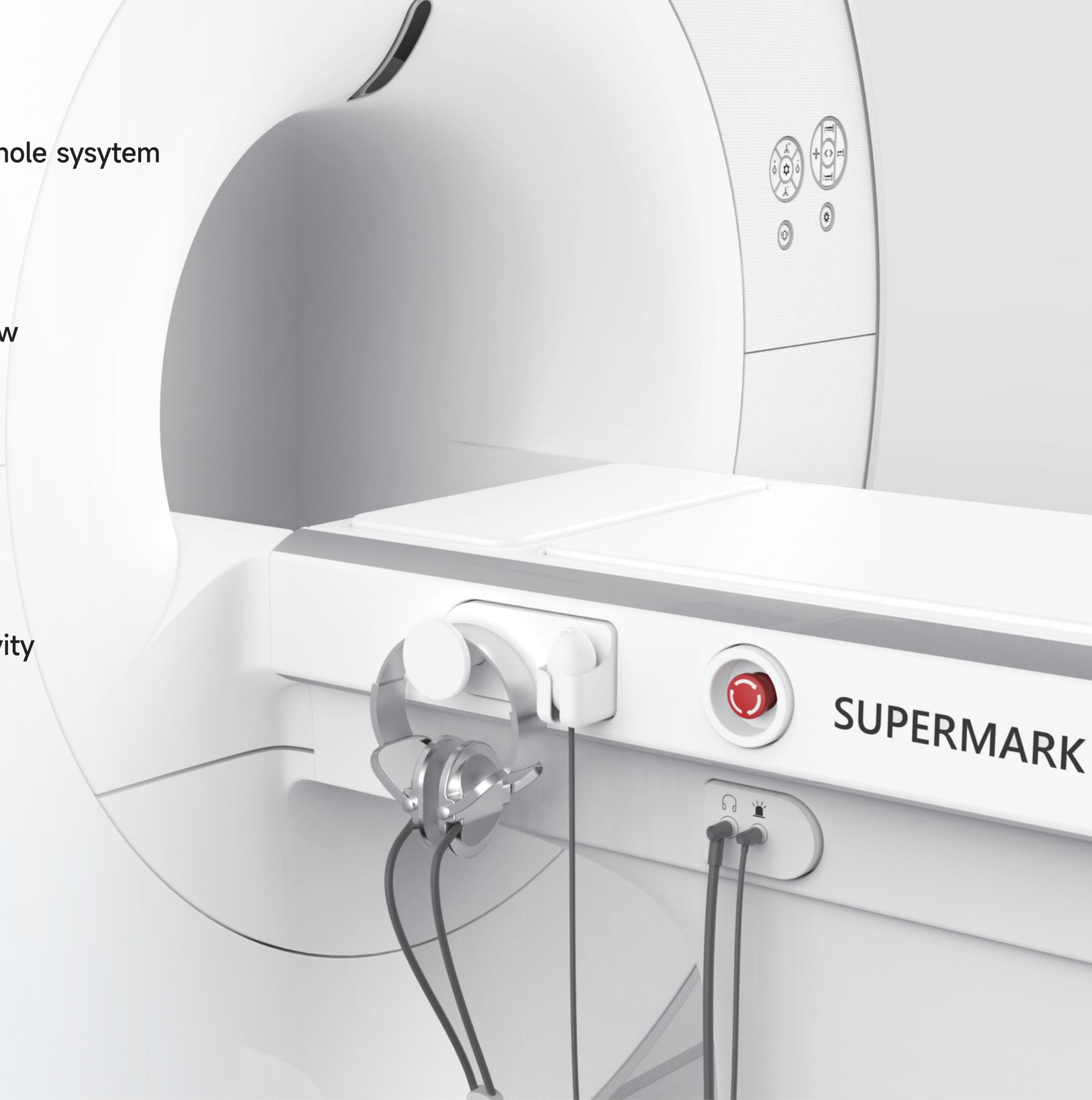
- High homogeneity magnet
- Multiple fat compression techniques
- Advanced 3D reconstruction solutions

Patient-concern productivity

- Flexible table movement
- Various artifact suppression protocols
- Softsound technology
- Fast imaging packages

Faster MRI exam

- ART platform
- Super.sense
- Deep series imaging chain



Free helium magnet

Free helium magnet Unlike traditional MRIs, which require a large amount of liquid helium, there is no need to refill with new liquid helium throughout the entire life cycle, which also reduces the risk of liquid helium leakage, helping healthcare organizations to significantly reduce the high cost of using liquid helium, and better meet the challenge of the global liquid helium shortage, and achieve more sustainable green development .

Free eco-friendly for every seconds

Fast imaging suite

Super.sense enables MRI to dramatically increase scanning speed while not sacrificing spatial resolution.

User-friendly design

Intelligent workflow enables easily operate platform with one click to achieve positioning.

Solid hardware

Combined with the intelligent management system and stable hardware system, the operation cost of magnetic resonance system is greatly reduced.

ANKE Service Solution

Comprehensive After-Sales Service

Service Report

Service Registration and Information Inquiry

24-hours Service

24h

Technical Experts Remote Diagnosis

Spare Parts Shipment

- Over 200+ engineers worldwide
- Strong problem-solving tactics
- Regional warehouse

Field Maintenance

Maintenance Completed

Service Report Visit