

Dedicated MRI

Take Pride in Performance



eSaote

Introducing the O-scan

Introducing the O-scan, the newest and most powerful in-office MRI system designed to go where you use it.

The O-scan was specifically engineered with the practice, physician and patient in mind. With the O-scan, it is possible to turn a typical exam room into an MRI suite overnight. Is your office in a high-rise or does it have limited access via elevator? These issues are no problem for the O-scan.

The O-scan exams feature outstanding image quality and high throughput. We have designated the "25 minute exam" for the O-scan, which can be used for any body part to speed results, lower overhead and deliver the optimum study in the shortest period of time.

O-scan, Technology that works for you

- > Open permanent magnet
- > 0.31 Tesla field
- > No RF Shielding Cage required
- > Max RF power: 1500 W
- > Shimming: passive
- > Gradient: ± 20 mT/m
- > Slew rate: 50 mT/m/ms
- > FOV: 14 cm
- > Very compact, installation space of 9' x 10' required
- > Low Power Consumption:
only 1 kW in normal 110V power outlet
- > Complete set of dedicated DPA coils



O-scan & the five Ps

> PARTNERSHIP

With the O-scan, you'll join thousands of satisfied Esaote MRI customers.

We provide the scanner, site testing, installation training and service as part of our turnkey partnership approach.

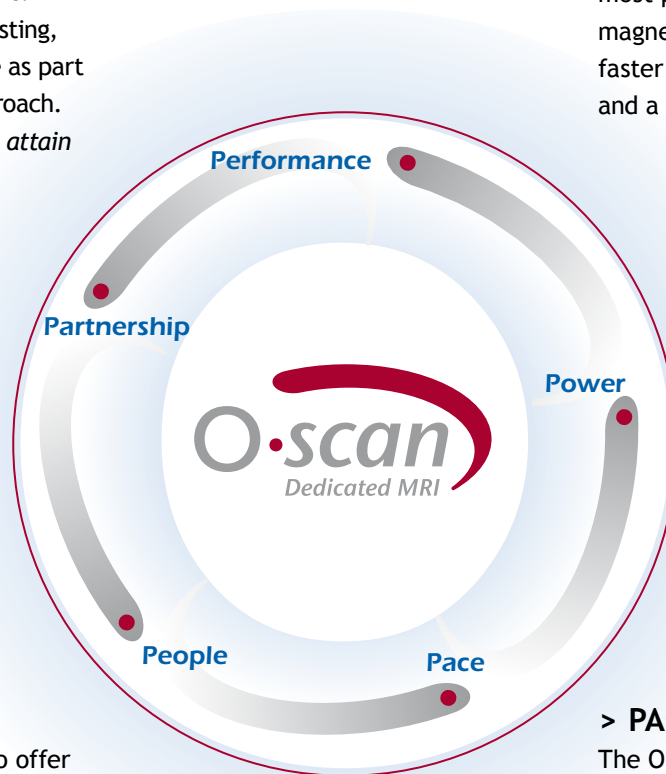
We also fully support efforts to attain ACR or ICAMRL accreditation.

> PERFORMANCE

High-performance components like 50 mT/m gradients and 1.5 kW RF power deliver outstanding reliable performance for all patient types and clinical exams.

> POWER

With the O-scan, you have the most powerful in-office permanent magnet system available. This means faster exams, higher quality imaging and a more satisfied clinical staff.



> PEOPLE

We've designed the scanner to offer your patient a more comfortable experience. Esaote trains your staff to operate the unit.

> PACE

The O-scan, with its fast patient scanning and full PACS integration, can match the pace of patient workflow in your office.

> SUCCESS

Esaote's Five Ps combine to equal success. For over 15 years, Esaote has researched and developed innovative and effective dedicated MRI systems for office use. The O-scan represents our latest efforts to redefine power and performance in our most compact MRI to date.

O-scan, Superior Image Quality



WRIST 3D SHARC Coronal



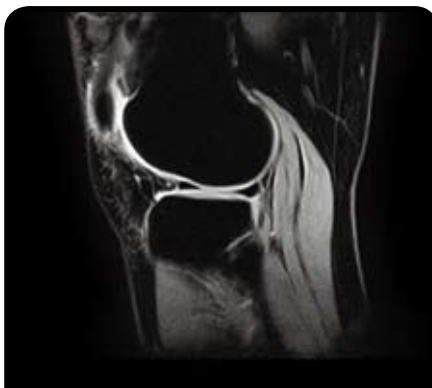
WRIST XBONE Coronal



KNEE 3D SHARC Axial



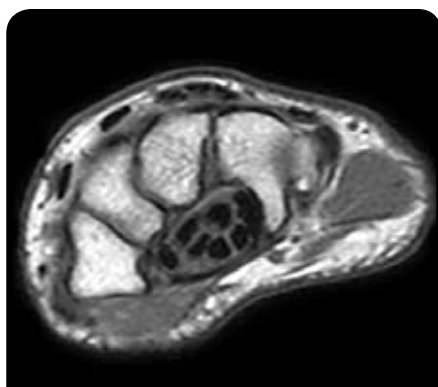
KNEE FSE T2 Sagittal



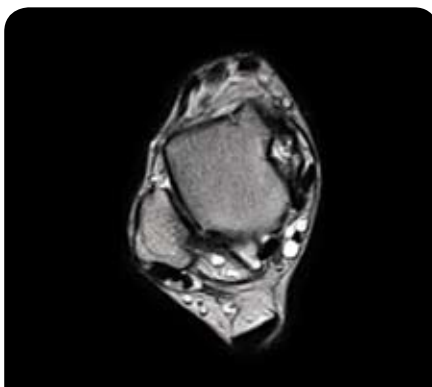
KNEE XBONE Sagittal



ANKLE STIR Sagittal



WRIST SpinEcho T1 Axial



ANKLE FSE T2 Axial



ELBOW 3D SHARC Coronal



DPA Hand/Wrist Coil



DPA Knee Coil



DPA Foot/Ankle/Elbow Coil



O-scan Hassle-Free MRI

Easy Siting

The O-scan does more in less space. The innovative design features a complete MRI system minimizing the total space needed for installation. Due to its light weight and extremely small five gauss footprint, the O-scan can be easily installed in virtually any office or practice.

The operator console, featuring a Windows interface, can be located either inside or outside the room, accommodating both small sites and large practices.

User Friendly

Windows functionality makes the O-scan easy-to-use. The interface and protocols are custom designed for extremity MRI exams which speed up and simplify the examination procedure.

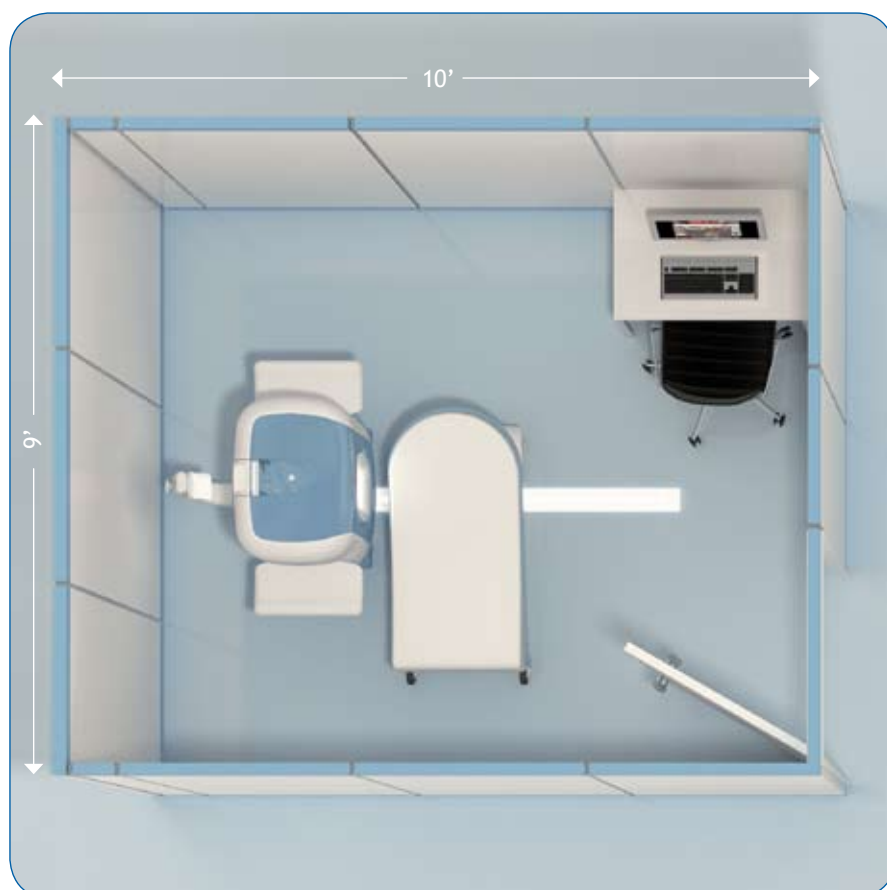
Service

The O-scan system parameters and system components can be checked via ARAS, the remote service program from Esaote. ARAS allows remote monitoring and repair of the system which ensures high uptime and scanner availability.

Connectivity

The O-scan comes with network, archiving and documentation features to work either stand alone or as a part of an integrated environment. It has an integrated DVD archive and retrieve software package, printer facility and a patient CD package. The O-scan is also DICOM compliant and offers smart solutions for connectivity and teleradiology:

- > DICOM image transfer to PACS system or Workstation
- > DICOM worklist capabilities allow the system to be connected to a centralized registration system
- > E-MRI Viewer: an Esaote software-only PC program which transforms a normal PC into a DICOM viewer.



O-scan The Power of Comfort



All Esaote MRI systems feature the most patient-comfortable positioning of any MRI system. The system's optimal ergonomics eliminate claustrophobia and give maximum comfort and stability to larger patients.

Thanks to the real-time positioning device, patient positioning is simple, easy and fast with the O-scan.

Real-time
positioning
device





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