

# The Next Step in Office MRI

Dedicated MRI

The complete Musculoskeletal solution





## **Introducing S-scan the Next Step in Office MRI:**

Based on extensive customer feedback and years of engineering, Esaote has designed the S-scan, a sensible scanner for any practice with a substantial musculoskeletal work-load. The S-scan covers all musculoskeletal MRI, from foot to shoulders including the most important spine segments such as L and C-spine.

## **S-scan from Esaote, quality in MSK imaging**

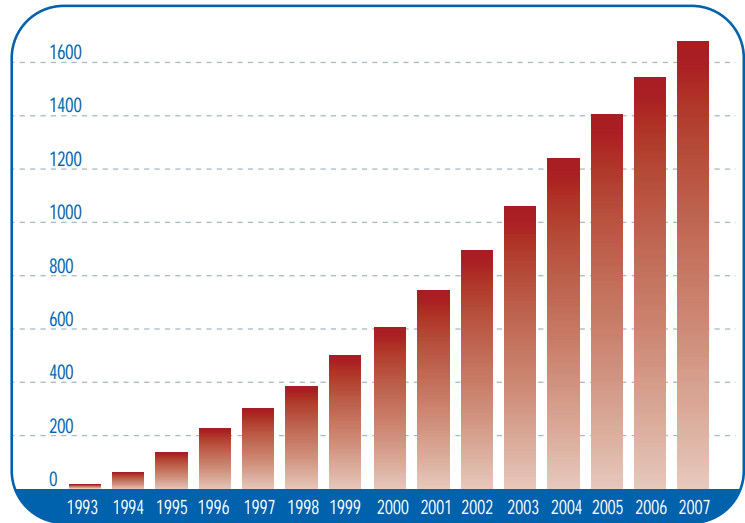
Since 1993, Esaote has been developing and producing MRI systems for musculoskeletal imaging and every single part of Esaote MRI systems is tuned and designed specifically for this job.

S-scan integrates all the experience we have to bring you the image quality you are looking for.





*Esaote installed base*



## Esaote market leader in MSK MRI systems

Musculo skeletal MRI is the second most important application in MRI after CNS and Esaote is the market leader in dedicated extremity and joint MRI. Esaote systems are used daily in many clinics and hospitals all over the world for routine clinical use as well as for research. Esaote systems are unique as they are extremely easy to use and combine excellent image quality with optimum patient comfort.

## Efficiency with S-scan musculoskeletal MRI

Efficiency one word that encompasses it all: ease of use, patient workflow, cost effectiveness and quality. That is how the S-scan has been developed, for efficiency. The open design for fast and easy patient positioning, gantry display with real-time, DICOM worklist, network integration, no cryogens and everything in a small foot print. It all adds up to make S-scan an efficient and cost effective MRI regardless of whether you perform one or twenty examinations per day.





## S-scan Coils

The S-scan comes with a complete set of RF coils for all districts, from foot to spine

Shoulder Coil



Knee Coil



Wrist/Hand Coil

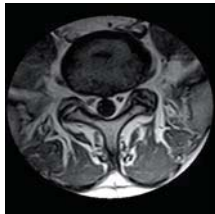




Ankle/Foot Coil



Lumbar Spine Coil



Flexible Coil



Cervical Spine Coil  
Complete with flexion and extension options

Patient positioning as easy as 1, 2, 3 with Real-time positioning



Coil placed for knee exam



Table moved into gantry



Patient positioned and start of real-time imaging

## S-scan patient positioning

The unique asymmetric rotating table approach of S-scan makes it possible to use a very wide patient table.

This wide table not only makes patient positioning very easy, it also gives maximum stability and comfort to the patient for an easy setup and better images.

## S-scan easy patient access thanks to the open gantry and rotating table

Easy patient access is one of the features that distinguishes the S-scan as an ideal system for more advanced applications like e.g. MRI arthrography for the evaluation of pathologies like labrum tear, shoulder instability and rotator cuff lesions.

## S-scan Real-time positioning

Fast error free positioning with the real-time feature that includes fast sequences and a display on the system gantry.

Start scout scan directly from the gantry and check patient positioning without running back and forth to the console.

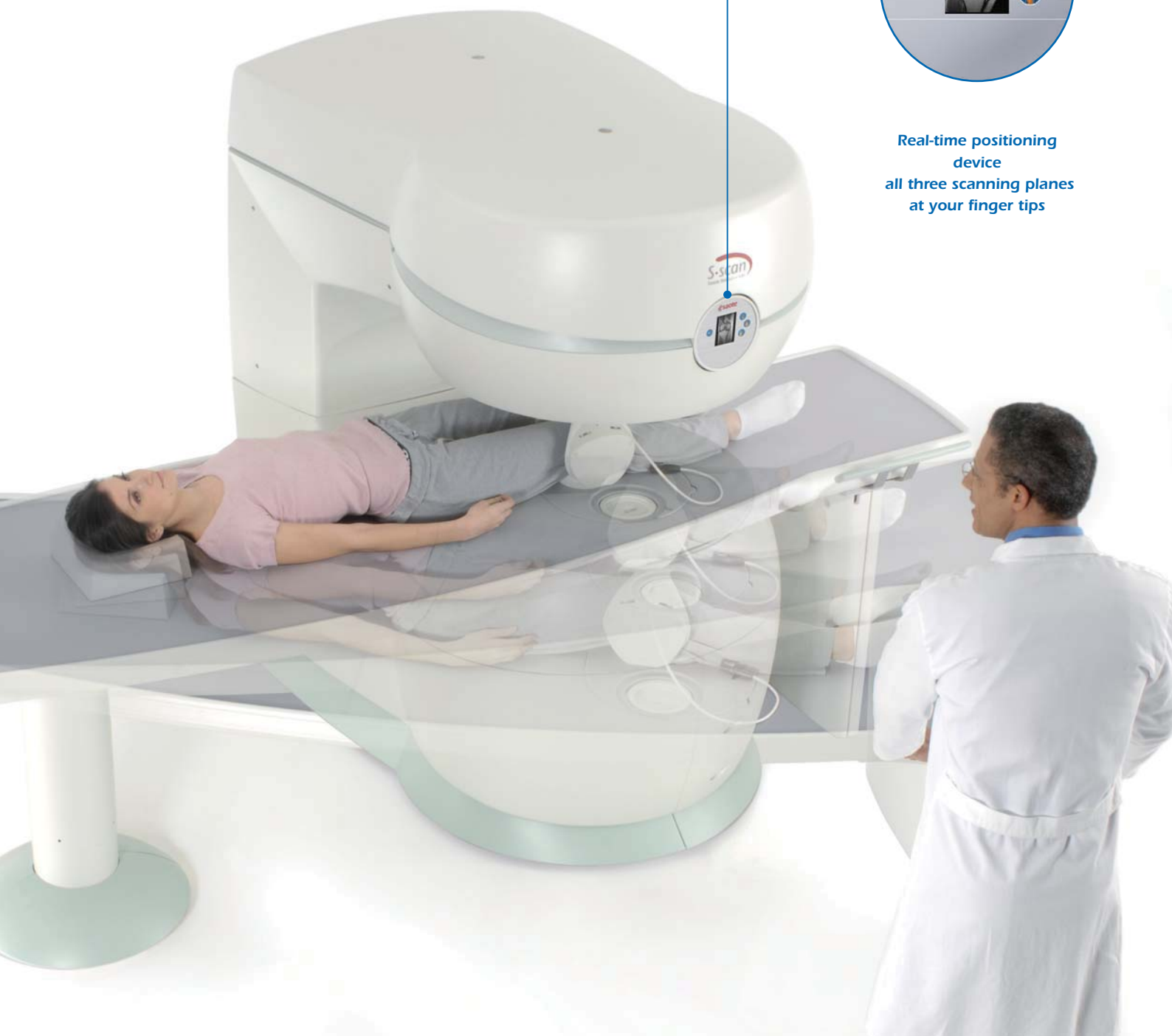
The simplest and fastest way to check correct patient positioning.



**S-scan, unique wide asymmetric patient table**



Real-time positioning  
device  
all three scanning planes  
at your finger tips



## **S-scan integration and workflow in stand-alone and integrated environment**

The S-scan comes with all network, archiving and documentation features to work either stand alone or as part of an integrated environment.

As a stand-alone scanner: S-scan comes with an integrated DVD archive and retrieve software package, printer output facility and a patient-CD package.

As a networked system: S-scan is DICOM compliant, handles work-lists and has the auto-push facility to automatically send data to a PACS system.

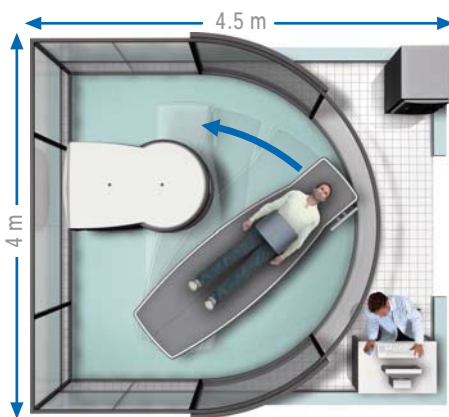
## **S-scan economics**

It all adds up. Easy installation, the Esaote patented RF pavilion, low maintenance technology, low energy consumption, no cryogenes, remote service possibility, it all makes the S-scan a system with low running costs suitable also for those sites with a limited patient work-load.

## **S-scan Remote**

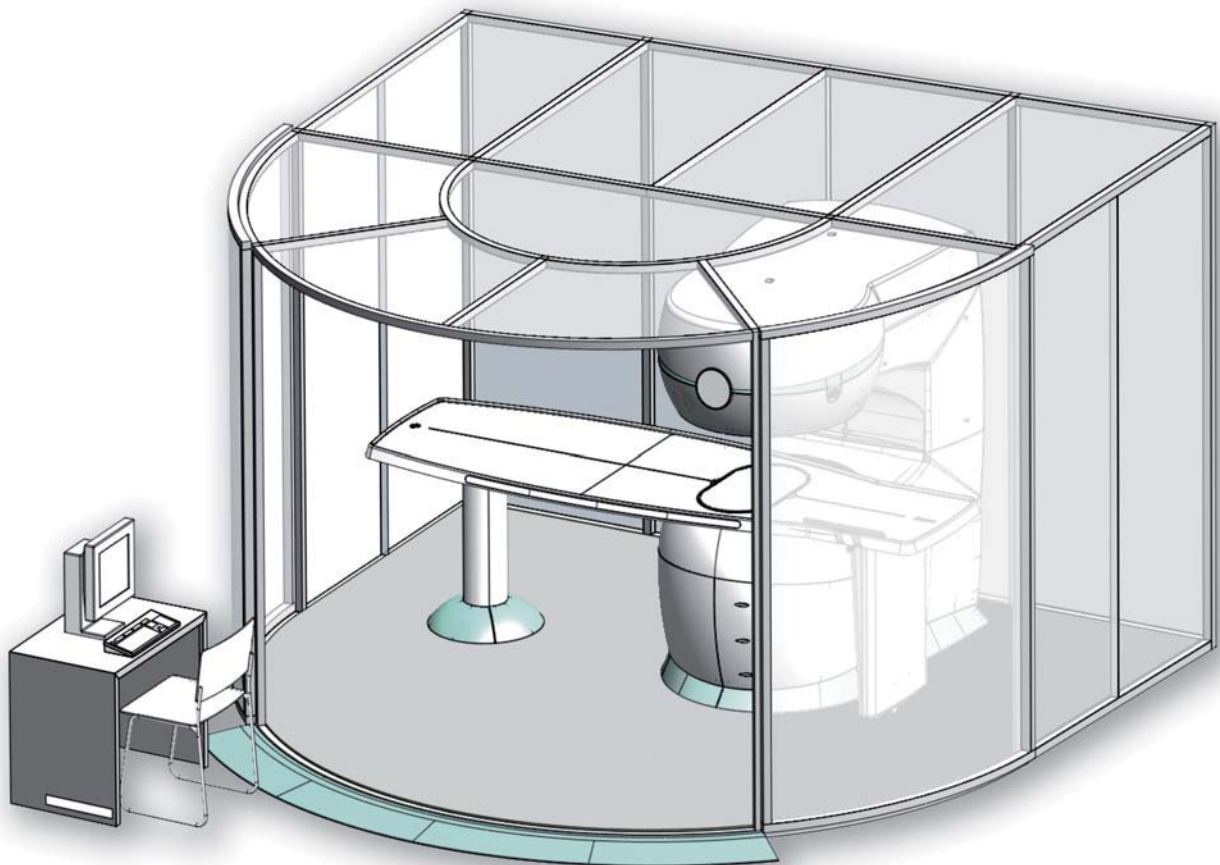
All Esaote systems come with remote service capability. Many system parameters and system components can be checked via ARAS, the remote service program from Esaote. ARAS shortens reaction times and improves the time to repair as service visits can be made more efficient with the service technician arriving on site already prepared.





### **S-scan easy to install**

S-scan has been designed to be compatible with the unique Esaote RF pavilion. This unique transparent and modular RF shielding room makes use of the existing lightning and air-conditioning system therefore no restructuring is needed. Thanks to its prefab modular structure, the Esaote RF pavilion can be installed quickly saving time and money.





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