



WITH
eXP
Technology

S-scan
Esaote Dedicated MRI

The Next Step
in Office MRI

esaote

Introducing S-scan the Next Step in Office MRI

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

S-scan from Esaote, quality in MSK imaging

Since 1993, **Esaote** has been developing and producing MRI systems specifically for musculoskeletal imaging. Esaote MRI systems are designed and optimized specifically to meet the demanding needs of MSK professionals.

S-scan integrates our 20+ years of MRI experience into a system that provides you outstanding image quality and an easy to use and install system.



@XP
Technology





Esaote market leader in MSK MRI systems

Musculoskeletal MRI is the second most requested MRI study behind neuro imaging. Esaote's focus is MSK MRI and we have become the world leader in that area.

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

An efficient MRI system will provide you: ease of use, simple patient workflow, cost effectiveness and outstanding image quality. S-scan has been developed to provide all of those features and more. 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.



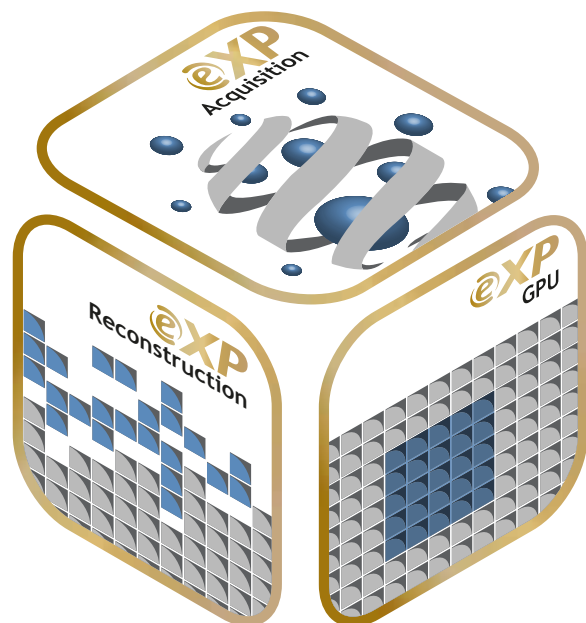
Esaote Dedicated MRI

Esaote's ever-growing family of innovative dedicated systems have been on the market for 20 years and over 2400 systems have been sold worldwide.



@XP Technology

@XP Technology provides faster overall system response thanks to a number of sophisticated MRI software techniques and a high-power workstation.



@XP



@XP Performance enhancements

By combining sophisticated acquisition and reconstruction methods such as SpeedUp and TR reduction (Patent pending), eXP will substantially improve the MRI examination by reducing scan times and improving image quality.



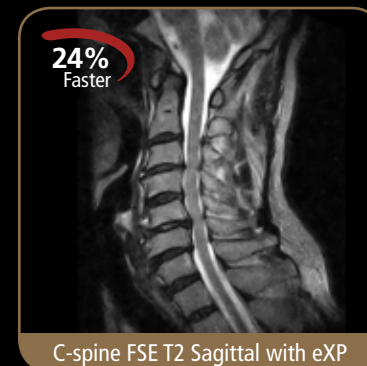
L-spine FSE T2 Sagittal



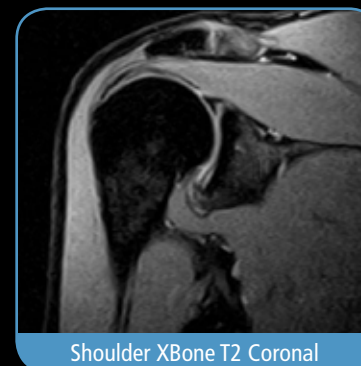
L-spine FSE T2 Sagittal with eXP



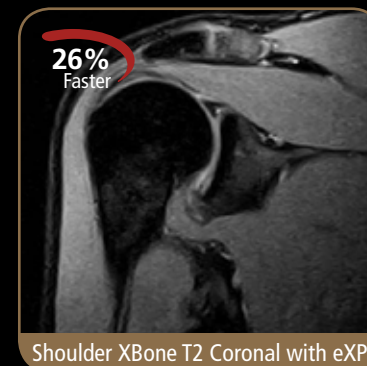
C-spine FSE T2 Sagittal



C-spine FSE T2 Sagittal with eXP



Shoulder XBone T2 Coronal



Shoulder XBone T2 Coronal with eXP



Ankle GE Axial



L-spine FSE T2 Sagittal



Foot GE T1 Coronal



Knee 3D SHARC Sagittal



L-spine 3D HYCE Axial



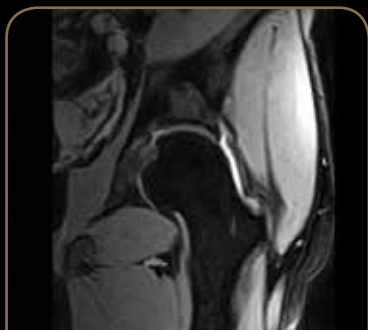
Knee FSE T2 Axial



L-spine FSE T2 Sagittal



C-spine FSE T2 Sagittal



Hip X BONE T2 Coronal



Elbow GE T2 Sagittal



Shoulder SE T1 Coronal



Cervical Spine 3D Hyce

S-scan, unique wide
asymmetric patient table



S-scan patient positioning

S-scan: easy patient access

Easy patient access is one of the features that distinguishes the S-scan as an ideal system for more advanced applications such as MRI arthrography. The wide opening and compact magnet provide easy access to the patient.

S-scan: open gantry and rotating table

S-scan features a very wide, asymmetric rotating 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: 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 coils

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



Shoulder
Coil DPA



Knee
Coil DPA



Wrist/Hand
Coil DPA



Ankle/Foot
Coil DPA



**Optional Cervical
Spine**
Coil DPA



**Optional
4 Channel
Lumbar Spine**
Coil



Lumbar Spine
Coil DPA



Cervical Spine
Coil
Complete with
flexion and extension
options



Flexible
Coil



Optional TMJ
Coil

S-scan: connected to MSK needs

Connectivity

The S-scan includes complete 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, and offers smart solutions for connectivity to your PACS and teleradiology.

Windows® interface

The S-scan is easy to learn as it uses Windows® functionalities.

The interface and protocols are custom designed for musculoskeletal imaging which speeds up and simplifies the examination procedure considerably.

Remote Service

All Esaote systems come with remote service capability. Many system parameters and system components can be checked via the remote service program specially developed for Esaote MRI systems. The remote service capability allows

Esaote to react to any potential issue and to get you up and running faster!



S-scan economics

S-scan is one of the most economical MRI systems available, featuring easy installation, the patented Esaote RF pavilion, low energy consumption, no cryogenes, and remote service capability. These features allow S-scan to be suitable for sites with a limited patient work-load.

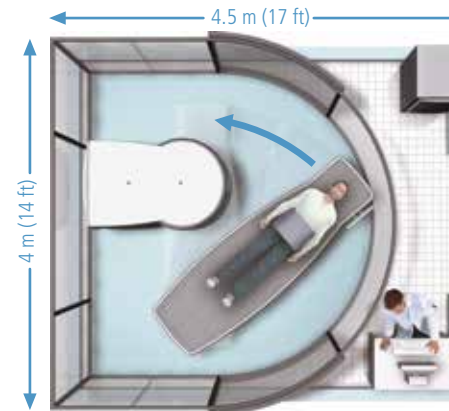
S-scan easy to install and maintain

S-scan is a "one room" MRI system which means that the complete system, magnet, electronics and console can be installed in a single room of only 20 m² (238 ft²).

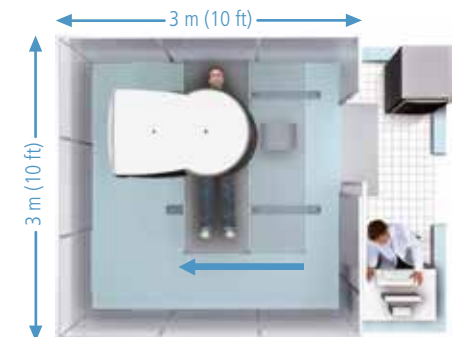
- S-scan is based on an optimized permanent magnet so no cryogenes and no complicated cooling systems are required.
- Dedicated shielding available. The Esaote dedicated shielding is a pavilion style independent shielding that can be installed without any renovation to the space.
- Fast and high quality service. Thanks to the built-in remote service capability, technical assistance is fast and efficient.

S-scan, compact configuration

The S-scan also offers a compact configuration (optional) for smaller installation sites. A specially designed compact bed is provided which can be accommodated in an RF pavilion of just 9 m² (100 ft²).



Standard Configuration



Compact Configuration



ISO13485:2003 ISO 9001:2008

Specifications subject to change without notice.
Information may refer to products or modalities not yet approved in all countries.
For further details, please contact your Esaote sales representative.
Windows® is a registered trademark of Microsoft Corporation.



0051

Esaote S.p.A.

International Activities: Via di Caciolle, 15 50127 Florence, Italy, Tel. +39 055 4229 1, Fax +39 055 4229 208, international.sales@esaote.com

Domestic Activities: Via A. Siffredi, 58 16153 Genoa, Italy, Tel. +39 010 6547 1, Fax +39 010 6547 275, info@esaote.com

www.esaote.com

FRANCE

Esaote France S.A.R.L.
ZA du Bel Air
10, rue de Témara, 78105 Saint Germain en Laye
Tel. +33 1 8204 8900, Fax +33 1 3061 7210
info@esaote.fr

GERMANY

Esaote Biomedica Deutschland GmbH
Max-Planck-Straße 27a
50858 Köln
Tel. +49 2234 688 5600, Fax +49 2234 967 9628
info@esaote.de

SPAIN

Esaote España S.A.
C/. Pont Reixat, 5
08960 Sant Just Desvern, Barcelona
Tel. +34 93 473 2090, Fax +34 93 473 2042
info@esaote.es

THE NETHERLANDS AND BELGIUM

Esaote Benelux B.V.
Philipsweg 1
6227 AJ Maastricht
Tel. +31 43 3824650, Fax +31 43 3824651
benelux@esaote.nl

UK

Esaote UK
14, Cambridge Science Park
Milton Road, Cambridge, CB4 0FQ
Tel. + 44 1223 424499, Fax + 44 709 288 0231
infoUK@esaote.com

NORTH AMERICA

Esaote North America
8000 Castleway Drive,
Indianapolis, IN 46250
Tel. +1 317 813 6000, Fax +1 317 813 6600
inquire@esaoteusa.com

BRASIL

Brasilian Direct Office
Rua Tomas Carvalhal, 711
04006-001 São Paulo SP
Tel. +55 11 2589 0533 Fax +55 11 2589 0527
leonardo.pili@esaote.com.br

ARGENTINA

Esaote Latinoamérica S.A.
San Martín 551, Cuerpo 'C', Piso 8, (C1004AAK)
Buenos Aires
Tel. +54 11 4326 1832, Fax: +54 11 4328 1245
info@esaote.com.ar

INDIA

Esaote Asia Pacific Diagnostic Private Limited
DLF IT Park, A - 44 & 45, Tower- C, Ground Floor,
Sector- 62, Noida, Uttar Pradesh, India
Pin Code: 201 301
Tel. +91 120 4732444, Fax +91 120 4750148
info@esaote.in

HONG KONG AND FAR EAST

Esaote China Ltd
18/F, 135 Bonham Strand Trade Centre,
135 Bonham Strand, Sheung Wan, Hong Kong
Tel. +852 2545 8386, Fax +852 2543 3068
esaote@esaotechina.com

CHINA

Esaote Shenzhen Medical Equipment
Room 2608, Tower B
Beijing Global Trade Center
36 North Third Ring Road East,
Dongcheng District, 100013, Beijing
Tel. +86 010 58257766, Fax +86 010 52257760

RUSSIAN FEDERATION AND CIS

Esaote Sp.A.
18 Leningradsky prospekt
Off. 5 and 6, Moscow 125040
Tel. +7 495 232 0205, Fax +7 495 232 1833
esaotemoscow@yandex.ru