

MAGNETOM Espree

The first Open-Bore MRI



MAGNETOM® Espree, the world's first 1.5T Open-Bore MRI, has changed Open MR imaging (MRI) forever. With its compact length of only 125 cm and expanded 70 cm bore diameter, it combines an unprecedented level of comfort with the image quality and diagnostic confidence of high-field MRI.

Powered by Tim™ (Total imaging matrix), MAGNETOM Espree provides a new level of flexibility, accuracy, and speed.

Clinical perspective:

- Unparalleled flexibility, accuracy, and speed – thanks to Tim
- Broad range of dedicated applications
- Strong gradients for high resolution and short scan times
- Inline Composing – automatically creates fully diagnostic images of the whole spine or even a whole-body angiogram
- AutoAlign – standardize exams so follow-ups provide reliable comparisons
- Phoenix and PhoenixZIP – make it easy to access standard protocols, in a drag-and-drop step, that make exams more reproducible



Patient perspective:

- 70 cm open bore
- Head outside the system:
 - Ultra-short 125 cm system length
 - Short exam times
- Obese patients up to 250 kg (550 lbs)
- Feet-first examinations with Tim
- No repositioning and coil re-configurations with Tim
- Ultra-lightweight coils with Tim (Body Matrix 950 g only)

Business perspective:

- Zero Helium boil-off
- Low power requirements and cooling demands
- Fewer purchases of dedicated coils by using flexible coil combinations
- Higher patient throughput with shortened examinations times – thanks to Tim

MAGNETOM Mobile MRI Solutions
Driving Innovation

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Broad range of applications

Head, shoulder, knee, or toe?

MAGNETOM Espree gives you total flexibility, with innovative applications for each part of the body. And Tim seamlessly scans up to 205 cm with no patient repositioning or coil changes. For true whole-body functionality.

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MAGNETOM Espree Tim [32x8]

- 8 truly independent RF-channels
- Z-engine:
33mT/m@100T/m/s

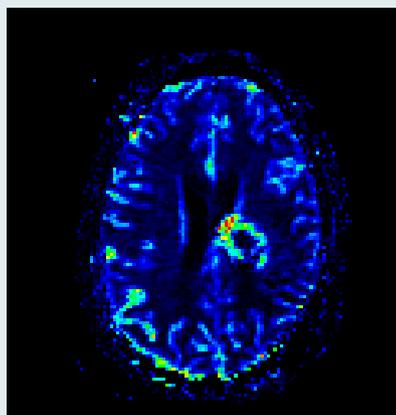
MAGNETOM Espree Tim [76x18] and [76x32]

- 18- or 32-channel option
- DZ-engine option:
33mT/m@170T/m/s



0.1 mm spatial resolution

Open for high resolution and patient comfort. 1024 matrix. The wrist can be placed comfortably beside the body.



Perfusion MRI

With strong gradients, MAGNETOM Espree delivers excellent temporal and spatial resolution.

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Creating the future of MRI

Healthcare is changing at an almost incalculable rate. The demands of patients are altering expectations while the demands of business require new responses. It's an exciting time filled with great opportunity. That's how we see it at Siemens MRI. Which is why we relentlessly drive innovation and transformation.

Our focus is on helping our customers deliver superb care, more efficiently than ever. We measure ourselves by our ability to have a leading solution for each business need. This philosophy is extended to innovative Mobile MRI solutions.



Mobile MRI – A flexible solution

Mobile MRI means the newest, most innovative technology in Magnetic Resonance delivered right to your doorstep in one complete package. A complete MRI solution in a mobile environment can address individual business needs and clinical requirements. Whether to meet growing capacity demands for MR scanning in your hospital or facility or to provide a temporary solution while your current MR system is being upgraded or replaced, Mobile MR solutions from Siemens will provide the answer. You need access to the latest technology but have insufficient demand or budget to support your own system? Then Mobile MRI solutions from Siemens can help you build shared ownership models with your partners, providing access while reducing the cost. Or you may be a service provider, operating a single unit or fleet of mobile units delivering Mobile MRI solutions to your customers. You may need to add more capacity or upgrade your technology to provide more services. Whatever your business need, Siemens offers the leading solutions in Mobile MRI.

When you choose a Siemens Mobile MRI device, you receive not only the advantages of a Siemens MAGNETOM system but also the Siemens expertise in Mobile MRI. We can offer you advanced technology MRI systems in high-quality trailers. Our worldwide partnerships with Siemens certified trailer manufacturers guarantees this. And you will benefit from the unparalleled patient comfort and ease of use to the operator. In a mobile environment where space and time is often limited, these things really matter.



Leading technology

You have the choice between four Siemens solutions at 1.5T to meet your business need. MAGNETOM Avanto, delivering MRI excellence in 1.5T and incorporating the revolutionary Tim™ (Total imaging matrix) technology. MAGNETOM Espree, the first Open-Bore MRI System, which combines a 70 cm open bore with the world-wide shortest system length of 125 cm and Tim. MAGNETOM Symphony with a top performance at a great value. Or MAGNETOM ESSENZA, which was developed from the ground up to be an affordable, reliable powerhouse that will support both your clinical and financial success.

Workflow efficiency

No matter which MAGNETOM scanner you prefer, *syngo*, Siemens' easy-to-use software platform, provides a highly ergonomic user interface which allows you to know intuitively what to do. Intelligent automation features accelerate exams and enable smooth and efficient workflow even across modalities and departments.

Future security

And with the *syngo* EVOLVE Package – a unique offering to regularly participate in technological advances – you remain constantly up-to-date with upgrades to the latest *syngo* software and hardware platforms. *syngo* software support and two upgrades of the whole computer system within 6 years round out a most comprehensive obsolescence protection.



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www.siemens.com/medical-accessories

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