



GoldSeal™

Win the day

**SIGNA™ Victor E**



GE HealthCare

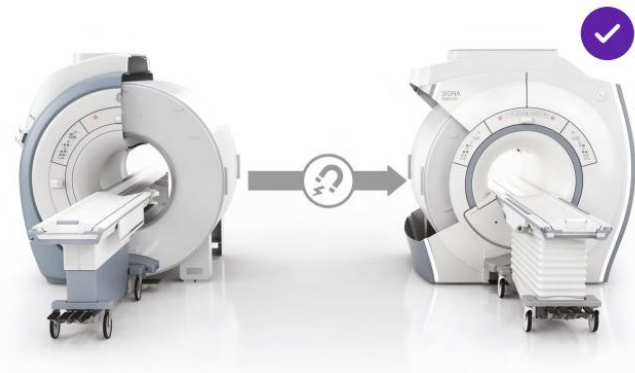
# SIGNA™ Victor E

## Sustainable solutions with pioneering technology

SIGNA™ Victor E revitalizes MRI technology by building a new, cutting-edge system around a pre-owned GE HealthCare LCC magnet.

This solution provides a **high-performance** MRI system, enhancing **patient care** and **financial outcomes** — while prioritizing **sustainability**.

The LCC magnets at the heart of Victor E systems have a **life expectancy of >40 years.\***



# The journey behind the SIGNA™ Victor E system

## ✂ De-installation

When a GE HealthCare MRI system is de-installed and retrieved, a new chapter begins.

Through our Harvest program, its electronics and parts are either reused for service purposes or recycled; while the proven, high-quality LCC magnet is prepared at our Repair Operations Center to serve its next owner.

## 🏭 European Repair Operations Center

At the European Repair Operations Center, the magnet goes through decontamination, deep cleaning and inspection. If any component is found damaged or outdated, it is replaced with OEM\* parts. The whole procedure is performed by authorized personnel in line with the latest GE HealthCare specifications.

## 🧑‍🔧 Delivering next-generation MRI technology

Once the magnet is ready, it is carefully packed and shipped to its new owner. There, it is integrated with cutting-edge new electronics, performing a seamless SIGNA™ Victor Lift and delivering next-generation MRI technology.

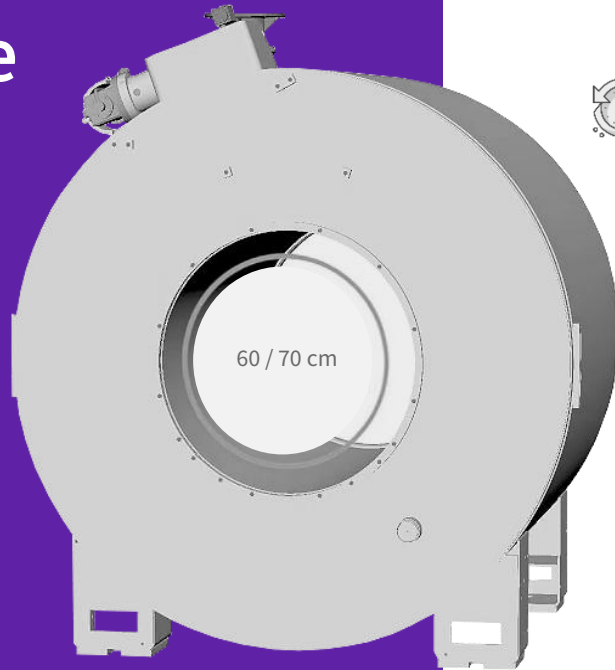
## Contributing to a circular economy

*\*Original Equipment Manufacturer*



# SIGNA™ MRI MAGNETS

## Your magnet: A treasure



The life expectancy of GE HealthCare magnets is **>40 years**



Excellent **homogeneity** over time with 50 cm FOV



**Zero boil off** virtually eliminates helium consumption\*



GE HealthCare magnets have no internal moving parts,  
**hence do not wear out**



GE HealthCare magnets only moving part is the cold-head  
on the outside of the magnet core, and is replaceable &  
consumable



+/- 900 **GoldSeal™** magnets installed around the world



SIGNA™ Victor also features a  
wide-bore-ready magnet design,  
allowing you to further future  
proof your investment.

*\*Under normal operation*

SIGNA™ Victor E 1.5T | 4

# Sustainable contributions with SIGNA™ Victor E

## Preserving resources



7.3 million kg of reused and recycled material<sup>1</sup>

## Contributing to circularity

Our circularity program led to 7.3 million kilograms of reused and recycled material.

When you purchase a SIGNA™ Victor E system, you are giving a magnet a second life, further expanding our efforts.

## Energy conscious



Over 30% less consumption<sup>5</sup>

## Eco-friendly power consumption

Manage rising energy costs without compromising performance & productivity.

## Magnet production savings



-77.7 Tons of CO<sub>2</sub> emissions<sup>2</sup>

=

CO<sub>2</sub> emissions from more than 318,000 km driven by a gasoline-powered passenger vehicle

## Reduced transportation



-18 Tons of CO<sub>2</sub> emissions<sup>3</sup>

=

CO<sub>2</sub> emissions from more than 73,700 km driven by a gasoline-powered passenger vehicle

## Lower helium consumption



-0.45 Tons of CO<sub>2</sub> emissions<sup>4</sup>

=

CO<sub>2</sub> emissions from more than 1,800 km driven by a gasoline-powered passenger vehicle

## Minimize your carbon footprint

Enhance sustainability by reducing CO<sub>2</sub> emissions through three key areas: minimizing transportation impact, lowering Helium consumption, and avoiding emissions from producing a new magnet.



(1) Values include Imaging, Magnets, Ultrasound, and Surgery products for 2023. Imaging and Ultrasound values are based on USCAN, EMEA, and Japan.

(2) \* Based in internal estimates. The Magnet/system carbon footprint are based on screening Life cycle assessment (sLCA) estimated with SimaPro. The CO<sub>2</sub> emission is estimated using the weight and the material type of the system components, energy consumption and mix of energy source in manufacturing, assumptions related to recyclability of raw materials, and transportation mode for shipping the system from the factory to the customer.

(3) Carbon footprint is the reduction of carbon emission that would have happened if the client bought a new system instead of purchasing a system with a magnet reconditioned in Europe. The transportation CO<sub>2</sub> emission is estimated with the weight of the items not replaced, the mode of the shipment, the distance of the shipment and SimaPro. SimaPro, estimates sustainability KPIs.

(4) Estimation based on difference of Helium needed vs a new installation and the carbon footprint of liquid helium supplied by a gas company 712 g CO<sub>2</sub>/l He, the on-site shipment. <https://pubs.aip.org/aip/ltp/article/49/8/967/2905263/Carbon-footprint-of-helium-recovery-systems>.

(5) Projected power consumption reduction on a system with or without deep learning reconstruction.

# A breath of fresh AIR™ for productive scanning

We know how challenging it can be to keep up with growing patient volumes while still delivering high-quality care. The AI-enabled workflows and patient-centered solutions that come with SIGNA™ Victor E will help you rise to any challenge by enabling high patient throughput without compromising patient comfort.

## AIR Touch™

AIR Touch™ technology simplifies scan setup by automatically selecting the best coil element combinations for each patient over the precise area of interest.

## AIR x™

AIR x™ is our AI-based solution for intelligent and automatic MR slice prescription. It facilitates consistent and accurate images regardless of pathology, patient position, time between scans and technologist variability.

## AIR™ Coils

Our blanket-like AIR™ Coils are form-fitting and provide 360 degrees of coverage, transforming your patient experience and granting you more positioning freedom. They're ultra-light for maximum patient comfort, plus they enable a simplified, faster workflow.

## 360 degrees of patient comfort

The platform includes a wider patient entry to maximize clearance. This added space, along with the ability to scan feet-first, will support claustrophobic patients and optimize comfort.





# Delivering peace of mind



### Expertise

Confidently rely on highly trained experts that can provide 24-hour troubleshooting and repair, with access to a strategic global network of parts warehouses

**8,500+**

Service engineers<sup>1</sup>

**1,400**

Applications specialists<sup>1</sup>

**6,000+**

Spare parts shipped daily<sup>1</sup>



### Digital solutions

Data-driven insights from Next Gen OnWatch™ Predict to help increase asset availability, expedite repairs, ensure compliance, optimize utilization and reduce operating costs

**~28h**

Average unplanned downtime saved<sup>2</sup>



### Lifecycle management

Continuity™ helps keep your systems current with ongoing upgrades already budgeted in your contract

**30-50%**

Investment savings<sup>3</sup>



### Education & training

Customizable clinical applications training and continuing education programs (on-site, remote, and online)

**650+**

Accredited continuing education programs<sup>1</sup>

1. These results may not be typical for all customers and are not guaranteed. This statistic is derived from GE HealthCare Internal Data.  
2. Average unplanned downtime saved calculated based on 24X7, between the break & fix population and the OnWatch Predict population.  
3. These figures are derived from an average; from potential examples of how having a Continuity Agreement could impact ownership of certain GE HealthCare equipment. Nothing in this document is a guarantee of future releases or pricing for this product or any other GE HealthCare products.



# GE HealthCare

## About GE HealthCare

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics, and digital solutions innovator, dedicated to providing integrated solutions, services, and data analytics to make hospitals more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 100 years, GE HealthCare is advancing personalized, connected, and compassionate care, while simplifying the patient's journey across the care pathway. Together our Imaging, Ultrasound, Patient Care Solutions, and Pharmaceutical Diagnostics businesses help improve patient care from diagnosis, to therapy, to monitoring. We are a \$19.6 billion business with 51,000 colleagues working to create a world where healthcare has no limits.

Follow us on [LinkedIn](#), [X \(formerly Twitter\)](#), and [Insights](#) for the latest news, or visit our website <https://www.gehealthcare.co.uk/> for more information

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