



SIEMENS

siemens.com/skyra

MAGNETOM Skyra

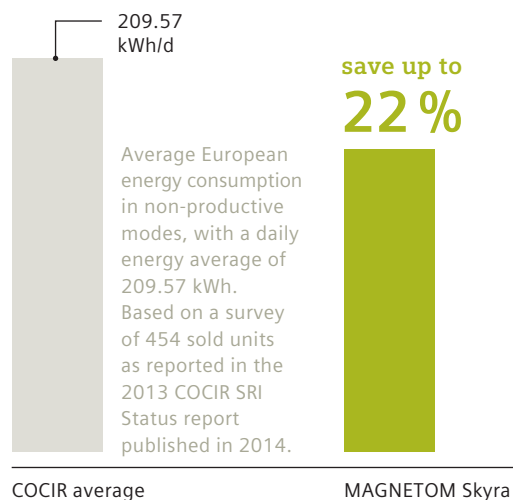
Minimize lifecycle costs with Life Design

Today's healthcare is facing the difficult task of reconciling two opposing demands: delivering better outcomes while lowering costs.

Technological innovation can, and should, play a vital role in improving the cost-efficiency of healthcare across the board. MAGNETOM Skyra and its Life Design not only provide the highest level of patient satisfaction, but also help optimize lifecycle costs.

Optimize lifecycle costs and stay environmentally friendly – with MAGNETOM Skyra 3T.

Daily energy consumption¹



COCIR average

MAGNETOM Skyra

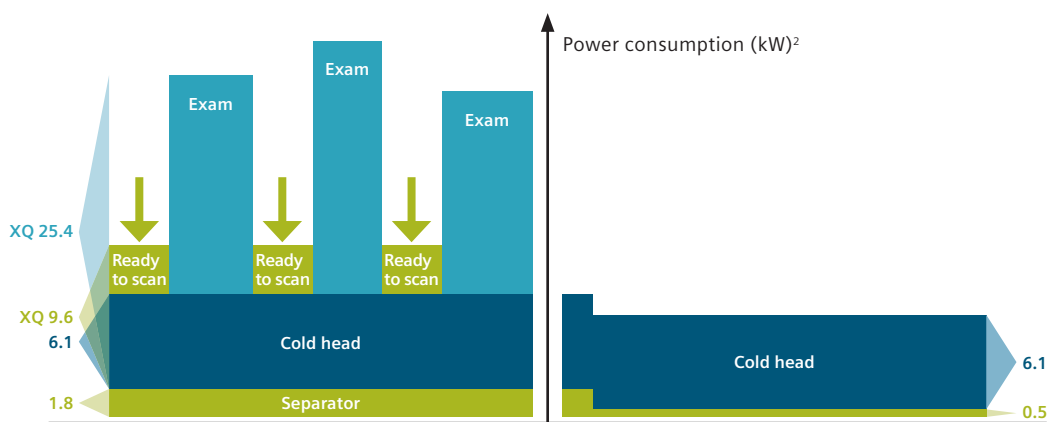
Save up to 22% in energy costs¹

Setting the standard in energy efficiency

Founded in 1959, COCIR is a non-profit organization that represents among others the medical imaging industry. COCIR has identified energy consumption during product lifecycle use phase as the key environmental factor for medical imaging devices. The COCIR SRI methodology provides a common framework to measure and compare the energy consumption of MRI systems. Siemens MRI systems, such as MAGNETOM Skyra, integrate a number of innovative, power-saving, and resource-conserving technologies to reduce energy consumption.



Optimize your total cost of ownership (TCO)



Intelligent power management in different modes

Operational mode (ready to scan/exam):
Fast switch off of components after exam (similar to start/stop mode of cars).

System off mode: 16% lower power consumption due to fast adaptation to cooling demands.



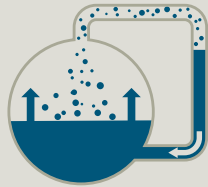
Short installation time

Thanks to its compact system design, MAGNETOM Skyra has a typical installation time of less than 7 working days, helping reduce costs from the very start.



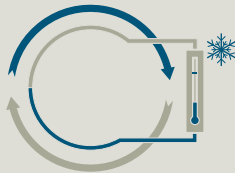
Small footprint

Minimum total space requirement: less than 31m² for magnet, electronics, and console room. The system complies with the standard ceiling height of 240 cm. An integrated water cooling cabinet eliminates the need for dedicated cooling of the entire equipment room.



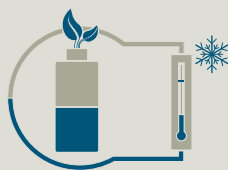
Zero Helium boil-off³

According to the US Geological Survey, the estimated price paid by private buyers for helium has risen by 48% from 4.15 US dollars per cubic meter in 2008. In 1995, it was 1.80 US dollars.⁴ With its Zero Helium boil-off technology, Siemens Healthcare is eliminating one of the fastest rising costs in MRI operations.



Eco-Chiller / Optimized Separator

Lower power consumption due to automatic adaptation to the required cooling demands, e.g., dedicated night and day modes.



GREEN Cooling Option

Chiller energy consumption further reduced by up to 50% with this passive extension module of the Eco-Chiller. Depending on the surrounding temperature, cooling takes place exclusively via the Free Cooling unit (not displayed in figure on the left).



Power-saving technology

Intelligent technology for higher energy efficiency: optimized sequences for less gradient switching, and self-adapting components, that switch off automatically when not needed.

Not for distribution in the USA. On account of certain regional limitations of sales rights and service availability, we cannot guarantee that all products included in this brochure are available through the Siemens sales organization worldwide. Availability and packaging may vary by country and are subject to change without prior notice. Some/All of the features and products described herein may not be available in the United States and other countries. The information in this document contains general technical descriptions of specifications and optional features which do not always have to be present in individual cases. Siemens reserves the right to modify the design, packaging, specifications, and options described herein without prior notice. Please contact your local Siemens sales representative for the most current information.

¹ COCIR Status Report: Self-Regulatory Initiative for Medical Imaging Equipment, p.12, 2013, published in 2014; COCIR is a non-profit industry association for the radiological, electro-medical and healthcare IT sectors; Average European energy consumption in non-productive modes, with a daily energy average of 209.57 kWh. Based on a survey of 454 sold units.

² The power consumption described herein is based on results that were achieved in a setting according to the COCIR methodology MRI - Measurement of the energy consumption (<http://www.cocir.org/index.php?id=46>). Since many variables impact power consumption (e.g. sequences used for scanning and sequence parameters, scan time), there can be no guarantee that each customer will achieve the same values. All values are typical values, applicable for 400V/50Hz. Consumption for optional separator pump and other options not included.

³ For typical clinical use, depending on sequences and operating time with running helium compressor. The system needs to be serviced at regular intervals. Undisturbed magnet cooling for 24 hours and 7 days a week.

⁴ Source: <http://www.bloomberg.com/news/2013-01-31/helium-rises-to-highest-since-1995-in-fallout-from-shale-boom.html>



Siemens Healthcare Headquarters

Siemens Healthcare GmbH
Henkestraße 127
91052 Erlangen
Germany
Phone: +49 9131 84-0
siemens.com/healthcare