

SOMATOM Pro.Pulse

Environmental Product Declaration

siemens-healthineers.com/somatom-propulse





Progress that is impressive – ecological advantages of SOMATOM Pro.Pulse

- Average energy savings of 49% per day when comparing to previous generation CT system¹
- 49% less detector power consumption with Stellar detectors²
- No more lead used for counterweights and significantly reduced amount of lead for shielding of radiation while the protection remains equally high
- All substances contained in the product and its packaging are documented
- Plastic parts are labeled for recycling
- Disassembly instructions for high-quality recycling are available
- CT systems and their components can be taken back for refurbishment
- Product take-back in alignment with EU directives
- Up to 99% of the materials used in the CT system are recyclables
- Environmental product declaration is available for download via internet
- Tin Filter allows to lower the dose whilst maintaining image quality for non-contrast scans
- Fast scanning with a full rotation in only 0.33 seconds

¹ Depending on CT system: 49% saving when comparing SOMATOM Drive to SOMATOM Pro.Pulse. Measurements based on COCIR low power scenario including Eco Power. Data on file.

² Compared to SOMATOM Flash

SOMATOM Pro.Pulse

Unlock Dual Source CT. Everywhere.

Today there are still too many patients who are not receiving high-quality CT imaging for a conclusive diagnostic assessment – especially those with challenging conditions such as irregular heart rates, inability to hold their breath, or difficulties following user instructions. Also, there are still too many patients that do not have easy access to high-quality CT imaging simply due to their location.

The only Dual Source CT technology with over 20 years of clinical experience enables a high temporal resolution and scan speed needed to reduce motion artifacts in patients with a high or irregular heart rate or with limited breath-hold capabilities, supporting your diagnostic confidence – with the simplicity of myExam Companion. With our intelligent workflow, myExam Companion, the scanner offers a high level of user-friendliness and patient convenience – from intuitive user interfaces to visual patient instructions.

SOMATOM Pro.Pulse also boasts attractive offerings, including continuous staff education, digital fleet services, and reliable service solutions, making it a smart investment for a broad range of hospitals. In short, we designed SOMATOM Pro.Pulse to help you achieve operational excellence.

Discover SOMATOM Pro.Pulse and unlock Dual Source CT for your patients. Everywhere.

Dual Source CT: One-of-a-kind imaging technology

Radiology departments must be able to scan patients with large variety of clinical conditions 24/7. For this, they need advanced CT imaging solutions like SOMATOM Pro.Pulse. The CT scanner offers the technical advantages required to deliver high-quality images: high power, speed, and precision that only Dual Source CT can provide.

Intelligent workflow simplifies advanced imaging

Advanced CT imaging such as cardiac CT can be challenging for both patients and users. Unwanted scan variations, patient movement, or less compliant patients can affect the overall diagnostic quality. myExam Companion helps patients and users every step of the way, making the exam more comfortable while improving the consistency of the scan protocols.

High-end technology is now cost-efficient

When purchasing a CT scanner, there is more on your mind than just the equipment cost. Elements like infrastructure costs, continuous staff education, fleet management, or service costs are also crucial. With SOMATOM Pro.Pulse, we offer an intelligently designed scanner that helps reduce the financial burden from the start – as well as comprehensive services, a broad education portfolio, ample fleet management tools, and more.

SOMATOM Pro.Pulse: Reduction of lead content

Rotating components of CT-systems have to be balanced for a quiet operation. The easiest way is the use of lead as counter balance. But lead is a toxic element. Therefore we abandoned the usage of lead as counter balance at the SOMATOM Pro.Pulse completely. A minor amount of lead is only necessary for shielding and shaping of radiation. There is no technically and economically feasible alternative at present.

It was a challenge to further reduce energy consumption and dose compared to our successful predecessor models.

The following actions led to success: An adaptive dose shield mounted at the X-ray tube controls, that unnecessary radiation is blocked from the patient. With this dose can be reduced while image quality is maintained.³

Environmental management system

Siemens Healthineers gives high priority to achieving excellence in Environmental Protection, Health Management and Safety (EHS).

Across the globe, Siemens Healthineers has implemented a consistent EHS management system.

It lays the foundation for the continuous improvement of our performance in these areas, and regular auditing assures our conformance.

As a result of this consistent approach, Siemens Healthineers is certified in accordance with ISO 14001 and ISO 45001.

Environmental product design



Manufacturing:

From natural resources to operation startup by customer



Use/maintenance:

Includes daily use by our customers as well as maintenance



End-of-life:

From disassembly at the customer site to material and energy recycling



Transportation:

Transports are minimized over the life cycle

Siemens Healthineers considers environmental aspects in all phases of the product life cycle, including material supply, component manufacturing and assembly (which is summarized in manufacturing), use/maintenance, and end of life.

Our product design procedure fulfills the requirements of IEC 60601-1-9:2007+A1:2013 "Environmental product design for medical electrical equipment".

This standard supports the effort to improve the environmental performance of our products.

Ecodesign improvements

Siemens Healthineers is committed to contribute to the challenges for a greener and more sustainable world economy by developing new environmentally conscious technologies and concepts, while at the same time improving the clinical value of medical imaging and in-vitro diagnostic devices.

As a member of COCIR⁴, Siemens Healthineers has proactively committed to the targets and objectives

of the COCIR self-regulatory initiative (SRI) set by the European Commission to reduce the environmental impact of medical imaging equipment, following the framework set by the Ecodesign Directive (2009/125/EC).

A strong focus in the last years was on reducing the energy demand of our products. The results of the eco-design initiative are published by COCIR and regularly reviewed by the EU commission.

³ Deak PD et al. Effects of adaptive section collimation on patient radiation dose in multisection spiral CT. Radiology. 2009 Jul;252(1):140-7.

⁴ European Coordination Committee or the Radiological, Electromedical and Healthcare IT Industry

Sustainability criteria for purchasing medical imaging equipment⁵

The Medical Equipment Proactive Alliance for Sustainable Healthcare (MEPA) is a joint initiative of COCIR, HealthTrust and Vizient, to foster sustainability within healthcare. The Alliance, in consultation with the Global Electronics Council and Kaiser Permanente, developed the “Sustainability Criteria for Purchasing Medical Imaging Equipment”.

The criteria aim to reduce the climate, environmental and social impacts of medical imaging devices supplied to the healthcare sector.

The sustainability performance of the processes and procedures at Siemens Healthineers and the sustainability performance of SOMATOM Pro.Pulse have been assessed along the four key areas of these criteria:

- 1) Climate change mitigation
- 2) Sustainable use of resources
- 3) Use of chemicals of concern
- 4) Social impacts

The criteria are recommendations and are divided into three levels:

- a) Basic criteria
- b) Intermediate criteria
- c) Advanced criteria

Our commitment to sustainability

Human health is inextricably linked to the health of the planet. To achieve sustainability, the long-term well-being of both people and the environment, we must address how human activities impact Earth’s natural systems, and how these changes, in turn, affect human health.

As a leading medical technology company, we aim to drive sustainability in healthcare, working together with our customers, partners, and employees worldwide towards a resilient, sustainable future. Our strategy is actively shaped through our engagement with key stakeholders, especially healthcare providers, and their evolving needs and opportunities for long-term value creation. It is rooted in the needs and priorities of our stakeholders and organized into three core pillars

- 1) Healthcare Access
- 2) Resource Preservation
- 3) Diverse and Engaged Healthineers

These are supported by two cross-cutting enablers Volunteering and Employee-led Initiatives, and Global and Regional Partnerships. Together, these pillars and enablers leverage our foundation of innovation and robust governance, and contribute to the United Nations Sustainable Development Goals (SDGs).

We annually publish a comprehensive overview of our environmental, social and governance (ESG) performance in line with recognized international reporting standards and regulatory requirements. The latest report as well as current rating results (e.g. MSCI, Sustainalytics) are available under: [siemens-healthineers.com/company/sustainability](https://www.siemens-healthineers.com/company/sustainability)

We are committed to achieving Net Zero emissions by 2050, both within our operations and across our value chain, and have set ambitious near-term and long-term quantitative targets across all material Scope 1, 2, and 3 categories.

These targets are approved by the Science Based Targets initiative (SBTi) and confirmed as aligned with the 1.5 °C reduction pathway.

This includes developing a comprehensive decarbonization roadmap that prioritizes energy efficiency, transitioning to renewable energy, and optimizing production processes and transportation. With targeted emission reduction initiatives across Scope 1, 2, and 3, we are taking meaningful steps to minimize our company’s carbon footprint.

We are embedding circular economy principles into how we design, produce and service our products, to minimize resource consumption, carbon emissions and reduce their environmental impact throughout their life cycle – from design to end-of-life.

We design products by applying systematic criteria that prioritize durability, energy efficiency, recyclability and responsible use of materials. We also work to reduce waste at every stage, including in packaging and comply with global regulatory requirements on environmental protection.

In doing so, we help healthcare providers to reduce resource consumption, improve operational efficiency, and achieve their climate goals.

⁵ For a description of the MEPA criteria see: <https://www.mepaalliance.org>

Material compliance

Within the materials compliance program at Siemens Healthineers and with the use of BOMCheck⁶ – an industry-wide tool pioneered by Siemens – regulated and declarable substances are monitored. Chemicals of concern as listed in the materials declaration standards IEC 62474 and IPC 1752A (including RoHS and REACH substances) are systematically identified to ensure they are not present above permitted threshold limits in our products.

SOMATOM Pro.Pulse conforms with Directive 2011/65/EU of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

Management of chemicals of concern

Regulated and declarable substances are monitored through the materials compliance program at Siemens Healthineers and through BOMCheck, an industry-wide tool pioneered by Siemens Healthineers. Chemicals of concern (carcinogenic, mutagenic and/or endocrine disrupting) as listed in the materials declaration standards IEC 62474 and IPC 1752A (including RoHS, REACH and California Proposition 65 substances) are systematically identified.

We ensure these substances are not present above permitted threshold limits in our products and/or provide information on how the product can be used in a safe way (e.g., lead for radiation shielding for which no technical and/or environmental sound alternative is available).

We publish the result of our regular analysis based on product ID and part number via [siemens-healthineers.com/reach-svhc-information.pdf](https://www.siemens-healthineers.com/reach-svhc-information.pdf)

SOMATOM Pro.Pulse conforms:



RoHS

with Directive 2011/65/EU of the European Parliament on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)



REACH

with EC 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)



Calif Prop65

with California Proposition 65 administered by the California Environmental Protection Agency

For developing and placing on the market the following environmentally related standards and laws were taken into account:

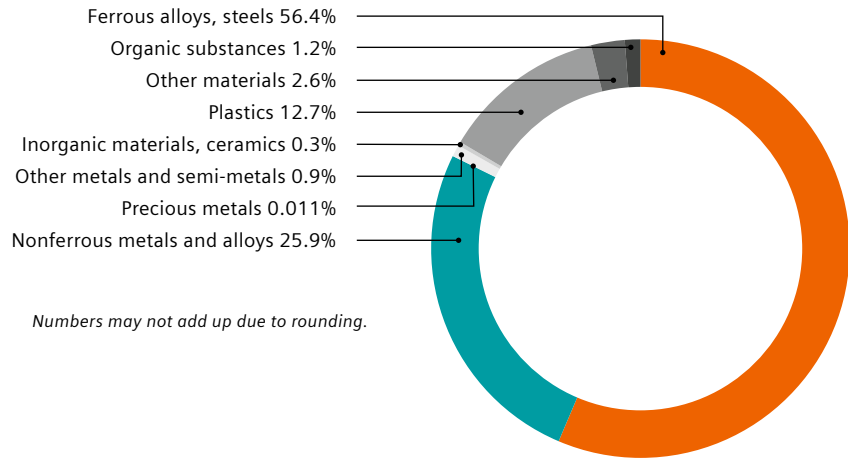
- ISO 14001:2015 (Environmental management system)
- ISO 45001:2018 (Occupational health and safety management system)
- IEC 60601-1-9:2007+A1:2013 (Environmental product design for medical electrical equipment)
- RoHS Directive 2011/65/EU (Restriction of the use of certain hazardous substances in electrical and electronic equipment)
- REACH Regulation EC 1907/2006 (Registration, Evaluation, Authorisation and Restriction of Chemicals)
- California Prop 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986)
- IEC 62474:2018 (Material Declaration for Products of and for the Electrotechnical Industry)
- IPC 1752A (Materials Declaration Management)
- EN50581:2012 and IEC63000:2018 (Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances)
- Ecodesign Directive (2009/125/EC)

⁶ BOMCheck is a web-based declaration and regulatory compliance data base, see www.bomcheck.net

Product materials

SOMATOM Pro.Pulse is mainly built out of metals. This ensures a high degree of recyclability.

Total weight: ≤ 2,700 kg



Packaging materials

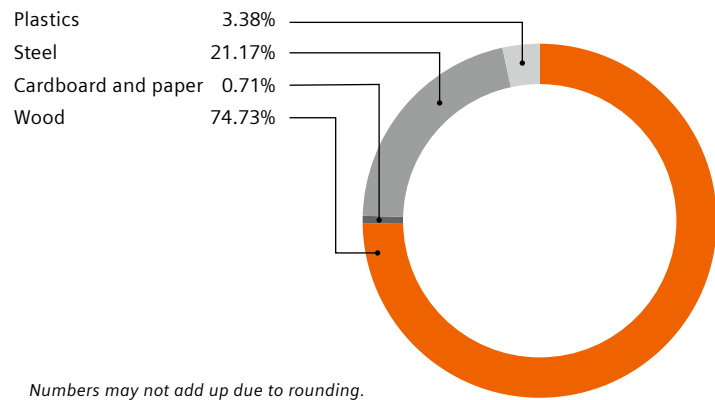
It is our goal to minimize our packaging material and reduce the packaging waste by reusing and recycling it.

The SOMATOM Pro.Pulse system is transported within Europe in open packaging, the CT gantry is protected by a light dust protective cover. A closed packaging is required for e.g., oversea transports.

The values shown on the chart represent the material composition of "closed packaging" of SOMATOM Pro.Pulse. The packaging materials consist of almost 75% wood and cardboard all of which can be recycled.

Total weight:

- Open packaging: approx. 119 kg
- Closed packaging: approx. 562 kg



Reduction of critical substances

We made strides to reduce materials in our SOMATOM Pro.Pulse which are environmentally harmful and are not easily recyclable. As a first step we eliminated the usage of lead counter weights and even for radiation shielding, where lead is still commonly used in medical engineering industry, we were able to reduce further by substitution with alternative shielding materials.

By all these measures we progressed to achieve a rate of recyclable substances in the SOMATOM Pro.Pulse of 99%, while the remaining 1% can be completely used for thermal energy recovery.

Use of recycled materials

The use of recycled materials in a CT system allows to save natural resources and to reduce the CO₂ footprint of the product. For example, the production of steel and aluminium out of scrap metals uses significantly less energy than making these metals from scratch out of raw materials. In case of aluminium this saves about 95% energy.

In SOMATOM Pro.Pulse the total amount of recycled materials is at least 35% in weight.

Sustainable use of rare earth metals

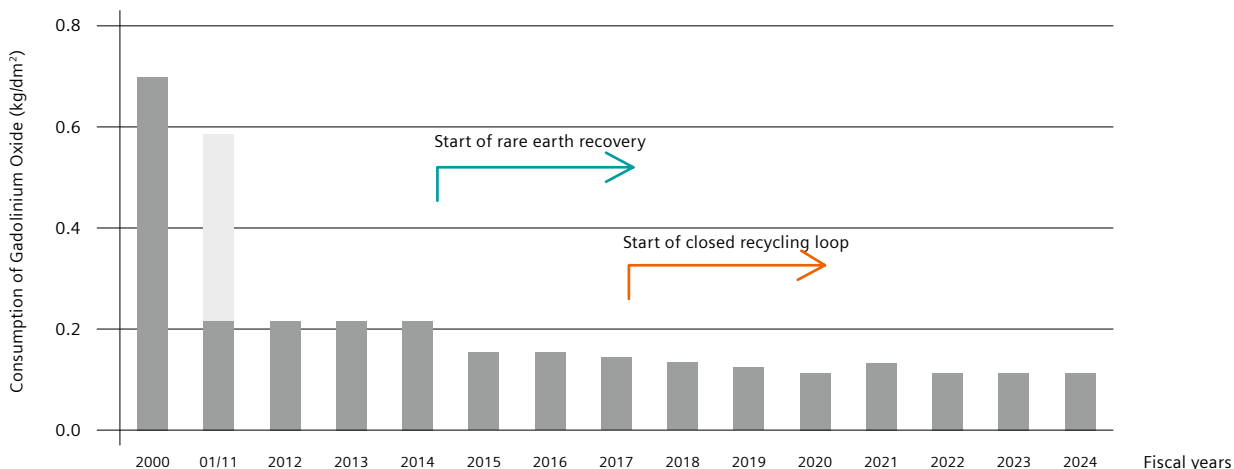
The consumption of rare earth material per unit area for CT detectors was reduced significantly. In 2018/2019 we were able to reduce the supplied gadolinium oxide for production of a defined surface area of CT detector ceramics (UFC) by 82% in comparison to 2000/2001.

We achieve this by continuously improving our manufacturing technologies and processes.

Especially our measures in rare earth recovery which started in 2015 allowed for a further reduction. We even enhanced this process by introducing a closed recycling loop for the gadolinium oxide processing, which is unique in CT detector manufacturing worldwide.

Today, about 25% of the annually processed gadolinium oxide is utilized out of this closed and sustainable recycling loop.

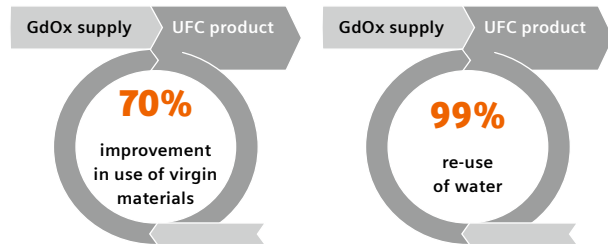
Reduction of virgin Gadolinium Oxide for production of CT detector ceramics



Consumption of resources

Rare earth GdOx ^{>5N}
Consumption of raw material

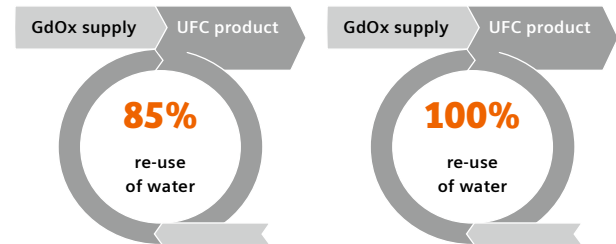
Wastewater
Consumption of deionized water



Recycling of dangerous waste

Rare earth GdOx ^{>5N}
Re-use of hazardous substance

S – Sulfur ^{>6N}
Re-use of hazardous substance

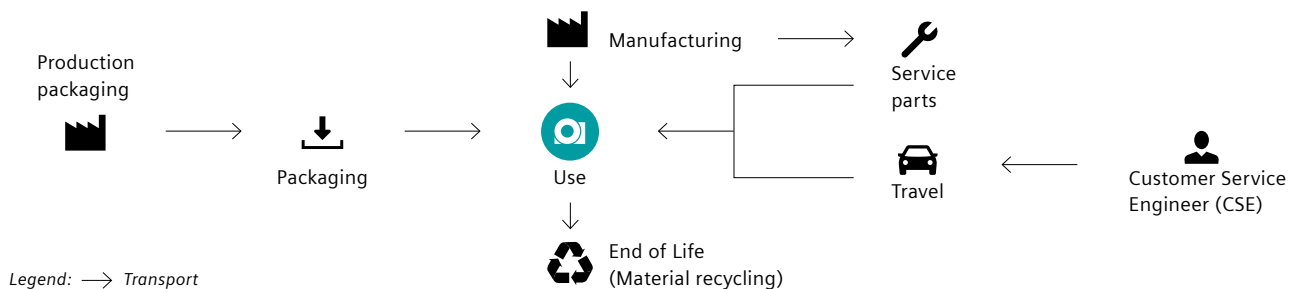


GdOx in returns,
service parts, and
hazardous waste

Life Cycle Assessment (LCA)

In order to optimize environmental aspects of our products over all life cycle phases Siemens Healthineers performs Life Cycle Assessments. We perform LCAs according to ISO 14040/14044, following the recommendations of the ILCD (International Reference Life Cycle Data System) handbook.

The defined scope of the LCA



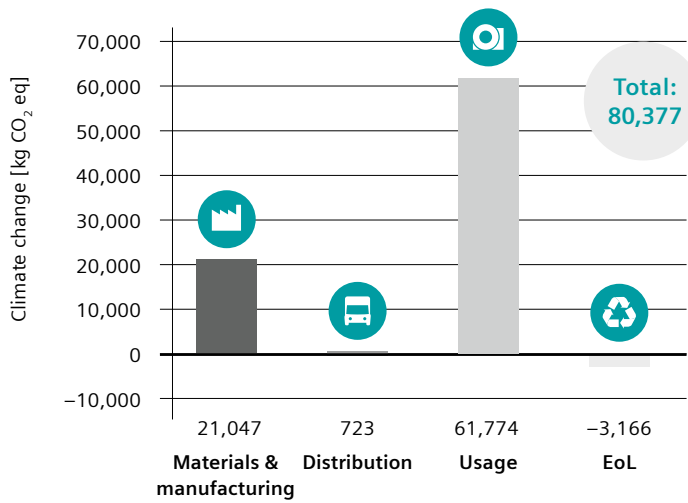
The overall life cycle is structured into four stages. The **Materials and manufacturing** covers material supply, component manufacturing, system assembly and packaging. The **Distribution** covers the product's distribution to the customer, where 1000 km by truck are assumed. The **Usage** is modelled according to the

COCIR SRI use scenario with 260 working days per year and covers maintenance activities. For **End of Life (EoL)** SOMATOM Pro.Pulse is disassembled and sorted into fractions with specific material recycling. All other **transport** processes except distribution are assigned to and included to the specific phase where they occur.

Key environmental performance indicators

The impact categories are calculated with Environmental Footprint (EF) 3.1 methodology in the GaBi LCA tool (content version 2024.2). Primary data for electrical energy consumption during usage have been modelled based on Electricity grid mix of Germany.

Impact category	Unit	Materials & manufacturing	Distribution	Usage	End of Life
EF 3.1 Acidification	Mole of H ⁺ eq.	1,05E+02	8,69E-01	2,28E+02	-3,74E+01
EF 3.1 Climate Change – total	kg CO ₂ eq.	2,10E+04	7,23E+02	6,18E+04	-3,17E+03
EF 3.1 Climate Change, biogenic	kg CO ₂ eq.	5,92E+01	2,50E-01	2,55E+01	-2,17E+00
EF 3.1 Climate Change, fossil	kg CO ₂ eq.	2,10E+04	7,23E+02	6,17E+04	-3,16E+03
EF 3.1 Climate Change, land use and land use change	kg CO ₂ eq.	1,60E+01	3,45E-02	5,84E+01	-3,59E+00
EF 3.1 Ecotoxicity, freshwater – total	CTUe	1,18E+05	1,19E+04	1,39E+05	-7,02E+02
EF 3.1 Eutrophication, freshwater	kg P eq.	5,97E-02	9,16E-05	5,55E-02	-2,85E-03
EF 3.1 Eutrophication, marine	kg N eq.	2,65E+01	3,49E-01	4,70E+01	-3,69E+00
EF 3.1 Eutrophication, terrestrial	Mole of N eq.	2,87E+02	3,92E+00	5,14E+02	-3,95E+01
EF 3.1 Human toxicity, cancer – total	CTUh	3,33E-04	1,86E-07	1,18E-04	-5,07E-06
EF 3.1 Human toxicity, non-cancer – total	CTUh	1,59E-04	3,61E-06	2,53E-04	-3,91E-05
EF 3.1 Ionising radiation, human health	kBq U235 eq.	8,73E+02	2,78E-01	1,20E+03	-3,21E+02
EF 3.1 Land Use	Pt	2,49E+05	2,48E+01	1,11E+05	-1,10E+04
EF 3.1 Ozone depletion	kg CFC-11 eq.	1,45E-07	4,67E-11	4,78E-07	3,34E-09
EF 3.1 Particulate matter	Disease incidences	1,34E-03	1,06E-05	3,00E-03	-3,56E-04
EF 3.1 Photochemical ozone formation, human health	kg NMVOC eq.	7,77E+01	9,32E-01	1,41E+02	-1,25E+01
EF 3.1 Resource use, fossils	MJ	2,68E+05	1,01E+04	6,71E+05	-4,01E+04
EF 3.1 Resource use, mineral and metals	kg Sb eq.	7,87E-01	1,15E-05	4,53E-01	-1,71E+00
EF 3.1 Water use	m ³ world eq.	3,35E+03	3,19E+00	1,86E+04	-7,90E+02

Climate change – total [kg CO₂ eq.]

This chart shows the overall impact of the product on climate change. The usage is the life cycle phase with the biggest impact. Different operating conditions can lead to deviations from the reference scenario.

Product take back

The high-performance X-ray tube assemblies are designed the way that as many parts as possible may be reused. At the end of life the tube assemblies are taken back and are refurbished. Quality is guaranteed by compliance to standard IEC 62309. Under optimal conditions up to 40% of a tube assembly may consist of reused parts.

Our product take back program ensures that we address the environmental aspects of our products – even at the end of life. As part of this program, we refurbish systems and reuse components and replacement parts whenever possible through our Lifecycle Product business.

We reuse components and subsystems for non-medical products. We also recycle for material or energy value. Disassembly instructions for disposal and recycling are available for our products.

Sustainability in the supply chain

Purchased products and services account for almost half the value of our total revenue. As our suppliers play a critical role in our sustainability-oriented value chain, Siemens Healthineers⁷ expects them also to demonstrate their commitment towards these standards and principles which are summarized in the Code of Conduct.

Code of Conduct is based to a great extent on the principles of the UN Global Compact relating to human rights, labor standards, environmental protection and anticorruption initiatives. These principles are derived from the Universal Declaration of Human Rights, the Declaration on Fundamental Principles and Rights at Work of the International Labor Organization (ILO) and the principles of the Rio Declaration on Environment and Development.

We ensure sustainability in the supply chain with various programs, such as:

- **External sustainability audits**

External sustainability audits are extensive on-site inspections to check generally accepted sustainability standards. They are conducted on a risk-based approach by external specialists. The audits refer solely to the supplier's conformance and performance in relation to the six categories of the Code of Conduct for Siemens Healthineers⁷ Suppliers. The assessments will be further tailored to the type of facility under assessment and only relevant sections are covered.

- **Responsible minerals sourcing initiative**

We have rolled out a uniform and enterprise-wide process to determine the use, source, and origin of the relevant minerals in our supply chain ("Supply Chain Due Diligence") including "Responsible Minerals Assurance Process" (RMAP) as part of the "Responsible Minerals Initiative" (former "Conflict Free Sourcing Initiative"). We work closely with our direct suppliers to support us in carrying out these steps.

⁷As part of Siemens AG, Siemens Healthineers is following the Siemens requirements

Operating data

Heat emissions of the device	
• Basic load ⁸	≤ 3 kW
• Full load ⁹	≤ 11 kW
Allowed ambient temperature ¹⁰	18–30 °C / 64.4–86 °F
Allowed relative humidity	20–75%
Noise level ¹⁰	
• Standby	60 dB(A)
• Peak	≤ 70 dB(A)
Power load	
• Basic load ⁸	≤ 6 kVA
• Full load ⁹	≤ 20 kVA
• Maximum load	≤ 200 kVA
Power-on time ¹¹	< 4 min
Power-off time ¹²	< 2 min
<i>Power consumption according to COCIR</i>	
<i>Use scenario 24-hour power consumption¹³</i>	
• Off ¹⁴	24.1 kWh
• Low power ¹⁵	25.2 kWh
• Idle (stand-by) ¹⁶	54.3 kWh



Technical specifications

Interface for heat recovery	Yes
Possible type of cooling	Standard: air/air
Complete switch-off is possible	Yes
Device is adjustable for the user in terms of height	Yes
Uniform operating symbols for device families	Yes

⁸ Device is in operation but no patient examination takes place

⁹ Average value at examination of patients (abdomen routine mode)

¹⁰ Within examination room

¹¹ From off-mode to operating state

¹² From operating state to off-mode

¹³ Values may vary approx. ± 3% due to specific system conditions, for example of UPS, etc.

¹⁴ Eco Power during the day, with Site On/off switch

¹⁵ Eco Power during the day and system switched off during the night

¹⁶ Eco Power during the day

Radiation

Measures/techniques to minimize ionizing radiation exposure

- Stellar detectors and iterative reconstruction support high image quality with reduced noise
- Tin Filter allows to lower the dose whilst maintaining image quality for non-contrast examinations
- Athlon DS X-ray tubes enable low dose scanning thanks to 10 kV steps and reduce scan time for all types of examinations
- CARE kV allows automatic user independent kV selection
- Fast Scanning with a full rotation in only 0.33 seconds

Electromagnetic fields

Measures/techniques to minimize the exposure to electromagnetic radiation

Not applicable

Reduction compared to the limit value for users

Not applicable

Consumables

X-ray tube

1 year warranty

UPS-battery

Annual check recommended

Disposal/substance information

End-of-life concept

Yes

Recycling information

Yes

List of hazardous substances

Yes

Cleaning

Incompatible cleaning processes:

Total device

- Sprays
- Abrasive cleaning liquids
- Organic solvents, such as aldehyde, acetone, stain remover, cleaner's naphtha, benzine or alcohol
- Agents that release ammonia when they are dissolved or decomposed (Ammonia has a corrosive effect.)
- Agents containing silicone (Silicone decays over time and can form sticky deposits that interfere with electrical contacts.)
- Disinfectants based on substituted phenols or disinfectants that release chlorine



Suitability of device for sterile areas	Not applicable
---	----------------

Size of the surface to be cleaned ¹⁷	Approx. 3 m ²
---	--------------------------

Please refer to the dedicated operator manuals for system and components for a detailed list of approved and not approved cleaning substances and further instructions.

Further ecologically relevant information

Elements of instructions are:

Recommendations for saving energy	Yes
-----------------------------------	-----

Recommendations for efficient cleaning	Not applicable
--	----------------

Recommendations for appropriate use of consumables	Yes
--	-----

¹⁷ Gantry-tunnel (inside), patient table overlay, control elements, console, keypad, intercom, mouse

Due to certain regional limitations of sales rights and service availability, we cannot guarantee that all products/services/features included in this brochure are available globally through the Siemens sales organization. Availability and packaging may vary by country and is subject to change without prior notice. Some/All of the features and products described herein may not be available in the United States.

The information in this document contains general technical descriptions of specifications and options as well as standard and optional features which may not always be present in individual cases.

Siemens Healthineers reserves the right to modify the design, packaging, specifications and options described herein without prior notice. Please contact your local Siemens Healthineers sales representative for the most current information.

Note: Any technical data contained in this document may vary within defined tolerances. Original images always lose a certain amount of detail when reproduced.

The statements by customers of Siemens Healthineers described herein are based on results that were achieved in the customer's unique setting. Because there is no "typical" hospital and many variables exist (e.g., hospital size, case mix, level of IT and/or automation adoption) there can be no guarantee that other customers will achieve the same results.

Not for distribution or use in countries that issue country-specific environmental product declarations. Please check with your local Siemens Healthineers representative if there is a country-specific version of this environmental product declaration.

All product designations and company names are trademarks or registered trademarks of the corresponding companies. Please contact the legal manufacturer for more information.

Siemens Healthineers Headquarters

Siemens Healthineers AG
Siemensstr. 3
91301 Forchheim, Germany
Phone: +49 9191 18-0
siemens-healthineers.com

Manufacturer

Siemens Healthcare GmbH
Henkestr. 127
91052 Erlangen
Germany