

seca | green

seca and environmental protection:

Our red is 100% green.



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Our Responsibility

At seca when we say **"Nothing weighs more than life,"** we are referring to more than our scales and measuring instruments. Working toward good health takes place not only in doctors' practices, hospitals and nursing homes, but **everywhere on this planet.**

Every effort that keeps him healthy is worth making. We work for this claim with the same dedication and energy that have made us the **world's market leader in medical weighing and measuring.**



Frederik Vogel
CEO Development & Manufacturing



Robert M. Vogel
CEO Sales & Marketing



Thomas Wessels
CEO Finance & Services



Our Products

Economical with raw materials, resources and energy.

All our devices comply with the European WEEE Directive on reducing electronic waste, the RoHS Directive, and REACH regulations. All in which restrict the use of which restrict the use of hazardous substances and require the registration, assessment, licensing and restriction of chemicals. In addition, we comply with the EU decision that prohibits use of biocide dimethylfumarate.

All accumulators and batteries in our devices comply with the EC Directive 2006/66/EC and are therefore free of cadmium and quicksilver. Compliance with these standards is checked internally and regularly audited by independent laboratories.

All seca products are nearly 100% recyclable. All components are labeled with recycling codes for reuse and the packaging is marked with the Grüner Punkt. The amount of packaging used is regularly checked and reduced to a minimum.

Customer scales taken out of service are professionally reconditioned or are properly disposed of.

Intelligent technology developed in-house at seca reduces the energy consumption of our products to a minimum. Energy savings are realized even when a device is in stand-by mode, as many seca products are equipped with an automatic shut-off function.



Our Locations

Environmental protection begins at seca, not with the finished product but with its manufacture. From the factory to the administration building. From Hamburg to China.

We have concrete proof of the soundness of our environmental management system. For our production facilities in China we voluntarily completed the certification process outlined in ISO 14001.

Energy and environmental management has a high priority in Hamburg as well. The corporate headquarters, which has been thermally insulated in accordance with the latest insulation requirements, conserves energy and cuts down on CO2 emissions. The heating system is state-of-the-art. In the production facilities radiators in the ceilings provide ideal heat distribution. The temperature throughout the building is regulated with the help of outside sensors and operating costs are decreased with use of a workday and weekend switch-over program. Automatic shut-off for large and small power users and an intelligent lighting system also lowers wasteful energy consumption. Thanks to effective energy management, we were able to reduce our energy consumption.

Special attention is paid to the handling of trash and hazardous waste. Paper, glass and synthetics are properly separated and disposed of. Verification is mandatory for disposal of hazardous waste, which is processed via disposal channels and clearly documented as to how, where and by whom the waste was handled.



Our Employees

The continuous reduction of energy and raw material needs is not limited to individual seca products and production facilities. Every single employee is involved.

seca makes it easy for everyone to switch from the car to public transportation. One way is by assuming some of the costs for a transportation pass like the Proficard. Or with the program FahrradSpass, which combines environmental protection with a healthy lifestyle, and rewards employees for coming to work by bicycle.

At every workstation our top priority is the economical use of the raw material paper. We rely on e-mails, send faxes via PC and store our documents digitally. Many processes in ERP and the IT area are designed to leave no paper trail and to manage on very little energy.

So it is with our ThinClients (energy and resource-conserving mini PCs), which seca has been counting on for some time. Modern and ultra-modern technologies help to advance environmental protection throughout the company. Right down to the design department, where the drawing board has been replaced by the most advanced computers and all project data are managed digitally.



Our Service

Our seca service is also service for the environment. Ranging from our fleet of vehicles and packaging of replacement devices all the way to individual replacement parts.

All delivery trucks were replaced by vehicles with the newest Blue-Motion technology. In comparison to conventional technologies, these vehicles save 10 to 15% in fuel charges.

The transport containers seca service utilizes for loan devices can be used again and again.

With the new seca 360° wireless technology the service department no longer has to provide various IT services such as software updates on site, but can use remote access via Internet. For service and repair orders, seca customers can opt to replace individual components with reconditioned parts instead of new ones. seca has developed a replacement concept which helps with the choice between a new or used part and shows that in many cases, the environmentally-friendly replacement part is the right way to go.



Our Suppliers

Besides complying with RoHS and REACH regulations, seca is concerned with improving ecological conditions and optimizing the working environment.

seca avoids the use of toxic materials in all lacquers, synthetics and metals. In keeping with RoHS and REACH directives and its own exact specifications for materials and components used in production, seca excludes all hazardous substances.

All these requirements are subject to strict monitoring by in-house quality assurance and regular examination by independent institutions.

Within the scope of supply chain management, seca regularly confirms that suppliers comply with the general framework and working conditions required by procurement guidelines. This covers everything from continuous improvement in job security, to the absolute exclusion of child labor, corruption and discrimination.

One thing is clear to us: everything that seca does on behalf of the environment should not just look good on paper, but should be comprehensible, verifiable and implemented 100%.



Major Directives, Regulations and Certification which seca observes for the good of the environment:

1. Grüne Punkt (Duales System Deutschland):



The Grüne Punkt, a trademark of the dual system in Germany (DSD), identifies sales packaging in Germany and 24 other European countries. Packaging bearing this symbol is collected in yellow sacks (Gelben Sack) or in yellow containers or in recycling containers for glass or paper. The goal is to collect and recycle as much raw material as possible, particularly glass, paper, cardboard, tin foil, aluminum, compounds and synthetic materials. The DSD is financed by producers and manufacturers.

2. Recycling Code:



The recycling code is a marker on a range of materials. The code is made up of a recycling symbol, generally containing three green arrows which represent the recycling circle. A numerical code further identifies the material and an abbreviated name identifies the group of materials to which the item belongs. To reduce sorting work, the recyclable fraction in Germany is sometimes pre-sorted by the end-consumer. Many cities have set up recycling centers for just this purpose.

3. Directive 2006/66/EC (on batteries and accumulators):



The European Directive 2006/66/EC from September 6, 2006 regulates the use, collection and recycling of batteries and accumulators and restricts the use of cadmium and quicksilver to a minimum. More precisely, it limits use of cadmium to 0.002% of the product's weight and of quicksilver to 0.0005%. The objective is to minimize the negative impact of batteries and accumulators and to significantly increase producers' and users' awareness in their handling. Furthermore, batteries and accumulators should be recycled. Collection systems are free of charge to the consumer in order to guarantee a high collection rate.

4. Environmental Management Standard ISO 14001:

The international Environmental Management Standard ISO 14001 specifies requirements for an environmental management system. Such a system covers environmental balance sheets, environmental indicators and environmental auditing and applies to companies that manufacture products or provide services. The ISO 14001 emphasizes use of a continuous improvement process. To achieve their environmental goals, certified companies first set up an environmental management system. Continuous improvement is encouraged by regular checks of a company's conformance to its declared goals. Certification is granted by an external accredited certifier. Authorities which certify companies in Germany include Bureau Veritas, TÜV, DEKRA, DQS and SGS.

5. Directive 2011/65/EU (RoHS):

The EC Directive 2011/65/EU regulates the use of hazardous materials in devices and components. It is known as RoHS (Restriction of (the use of) Hazardous Substances). Many substances in electrical devices are considered environmentally dangerous because they are toxic or since nature cannot easily break them down. RoHS bans the use of these substances in products. Materials involved include lead, quicksilver, cadmium, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE).

6. Commission Decision 2009/251/EC

On March 17, 2009 the European Commission published its Decision 2009/251/EC on prohibiting the use of biocide dimethylfumarate (DMF) in products. It states that as of May 1, 2009, the maximum limit for dimethylfumarate is 0.1 mg per kilo of product or part of the product. The decision was made for good reason; biocide dimethylfumarate was found to be damaging to health and the cause of complaints ranging from skin irritation and itching to acute respiratory problems. The substance is found in many products in everyday use, such as leather furniture and footwear, where it is used to prevent mould.

7. Directive 2012/19/EU (WEEE)



WEEE (Waste Electrical and Electronic Equipment) is the EC Directive 2012/19/EU for the reduction of electronic waste. The objective is to reduce the amount of electrical and electronic waste generated and to promote recycling and environmentally sound disposal of electronic waste from devices no longer in use through the Extended Producer Responsibility policy. Each producer must be clearly identified on a device label. The symbol for separate collection of electrical and electronic devices is a slash through a trash container on wheels.

8. EC Nr. 1907/2006 (REACH -Verordnung)

REACH stands for Registration, Evaluation, Authorization and Restriction of Chemicals. The REACH system is based on the principle of industry autonomy. Within the scope of REACH and in keeping with the rule "no data, no market," only those chemicals which have been previously registered can be brought to market. Every manufacturer or importer subject to REACH regulations who intends to market his materials must have his own registration number for the chemicals.

