



MicroStop® Sustainability Concept







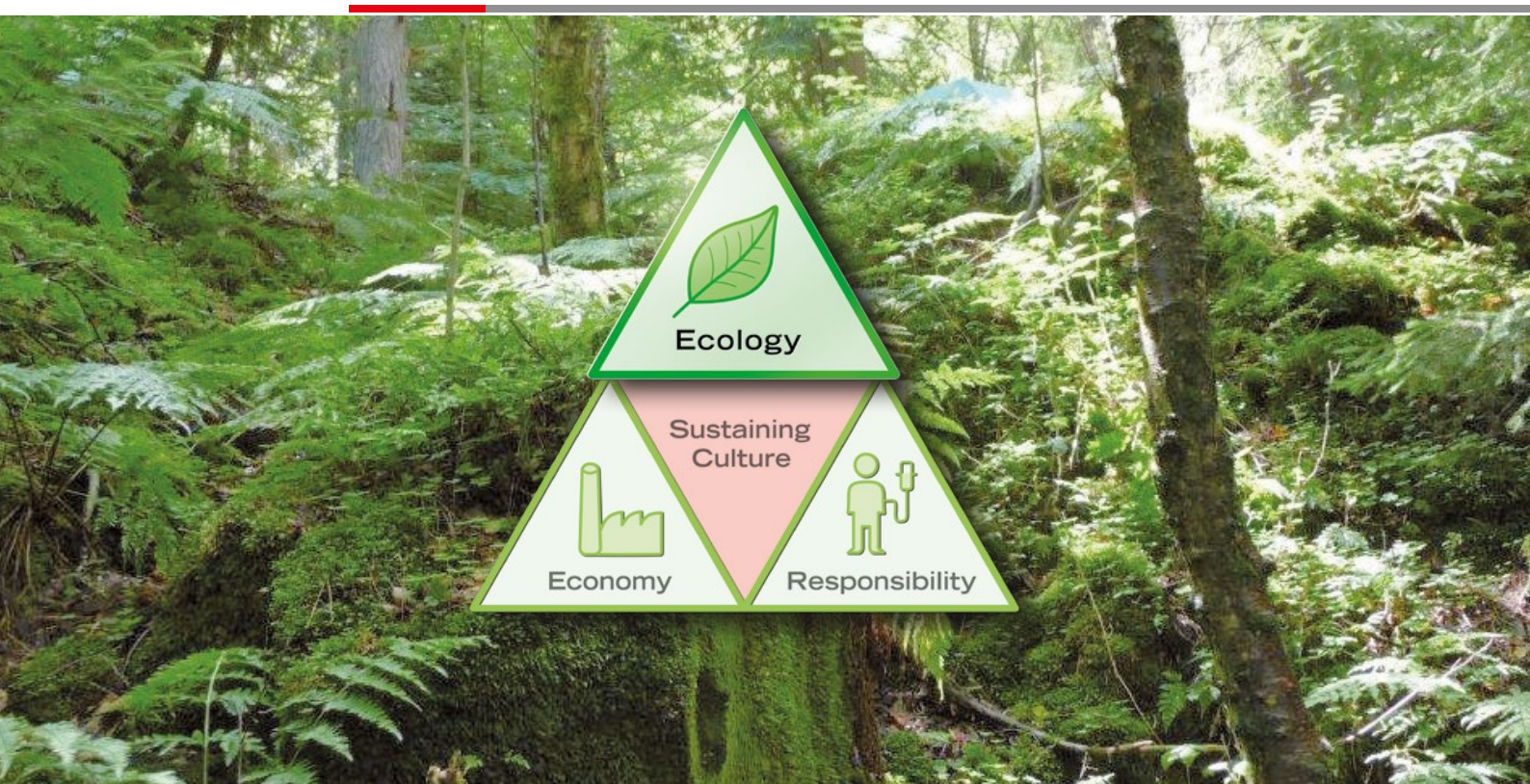
The MicroStop® Sustainability Concept

Our insistence that our products must combine excellent performance with responsibility toward people, the environment and economical aspects results in increasingly efficient products and improved technical solutions. For us, the combination of quality and responsibility with ecological, economical and responsible progress is the innovation driver of the future. Thereby sustainability becomes an important driver of economic growth and the generation of competitive advantages in the market. All these considerations led to the most sustaining product within the KLS Martin Group:

The MicroStop® Container System

It's not only one product. It's a full system of MicroStop® container, MiniSet container and instrument trays contributing to ecology, economy and responsibility. Moreover, this system not only contributes to environmental protection and occupational health and safety, but also reduces resource consumption and costs.

By sharing this knowledge we can offer an effective system to our customers for improving their own sustainability performance. With our MicroStop® family, which combine top quality with responsibility toward people, the environment and the economy, we can position the KLS Martin Group as a leading sustainability partner for our customers in the CSSD departments.



Ecology

Our system is a prime example regarding ecological aspects. We abstain from paper filters, plastic seals and even additional wrapping materials.

Annually, more than **450 million** paper filters and **400 million** pieces of additional wrapping materials are used in CSSD departments worldwide. This fact leads to **12,500 tons of waste** even in departments already using containers. Thousands of non woven Teflon filters are not even considered in this delineation.

Annually, more than **600 million** plastic seals are used worldwide. This leads to a consumption of approx. **5,000 barrel** of oil within a year and don't forget the resulting waste of **600 tons**.

In addition, with the change from wrapping systems and disposable packaging to the rigid packaging with our container system, you are even more able to contribute to a safer and healthier environment.

But not only the customer can contribute to ecology with our container system. Every chain link of our value added process regards ecological topics. Of efficient production line and workstations to the targeted use of packaging materials, which are mostly manufactured from recycled paper, we already make our contribution during the value added process to a sustainable environment.



Economy

The MicroStop® container system is designed to reduce additional costs in the reprocessing of the CSSD.

With the fact that our system doesn't need any disposable materials for the sterilization process no consumables are applied. This in itself can save millions of Euros worldwide.

Moreover, no consumables during the process mean that our customer is able to create shorter and more efficient processes. This saves time and resources and leads to less costs for the process and qualified human resources.

Last but not least, we have designed our container system in order to avoid any kind of further maintenance costs. The small number of normative maintenance can be done by the customer himself with the help of our maintenance schedule in the instructions for use.

The lifetime working parts of our MicroStop® system provide short amortization and a long service life as well. 15 years of usage is no individual case.



Responsibility

Different forms of responsibility make our modern system sustainable. The light weight of our container system contributes to improved working conditions. Problems and disease cases concerning the spine are a thing of the past.

Our handles made of high performance PPSU are not only ergonomic, they even avoid burn injuries caused of hot handles.

But the main form of responsibility regards the patient himself. The interaction of all parts like the well known red/green tamper or the MicroStop® disc results in maximum safety for the patient. Thus we meet our goal to fulfill our responsibility to the patient.

Help us to contribute to a safer environment, to assume responsibility and even to create more efficient processes in the CSSD and use products of the MicroStop® System.



Go the sustainable way and create a sustaining culture
with MicroStop® and KLS Martin



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