

## Smart, safe and efficient: Steelco sets new benchmark in reprocessing of medical devices

- ▶ Innovative technology improves working conditions for hospital staff
- ▶ Advanced data management system for a wide range of products

**Düsseldorf/Riese Pio X/Gütersloh, November 14, 2022. – Steelco is making great strides towards digitalisation in CSSDs. For its washer-disinfectors and sterilizers, the company offers new products and integrated software solutions that make instrument reprocessing more efficient and safer thanks to high-end technology.**

For clinics that prefer wrapping paper to containers as packaging in the sterilization process, Steelco is launching a packaging robot in cooperation with the Dutch start-up R-Solution. The system packs and labels instrument sets for sterilization fully automatically. R-APPIT, as the robot is called, does not require manual assistance and ensures consistently high packaging quality. The labels applied to the packs allows the instrument sets to be clearly assigned and guarantees traceability in reprocessing. The packaging robot from the Dutch start-up is offered exclusively by Steelco for many markets.

Fast, reliable, resilient and, if necessary, in operation almost around the clock - these are the attributes of the new mobile transfer system from Steelco, M-ATS for short. The heart of M-ATS is a transport robot that makes everyday work much easier when reprocessing medical products. It loads and unloads washer-disinfectors and sterilizers automatically and navigates freely in CSSD. M-ATS has a loading capacity of up to 150 kg. Detailed information on the new transfer system can be found in [Press release No. 111/2022](#).

At Medica, Steelco will be giving a glimpse into the future with a system that supports the error-free inspection of instrument sets. For this purpose, the instruments are spread out on a packing table after the cleaning and disinfection process and recorded by a camera. With the help of artificial intelligence, the system recognises which instruments belong to defined surgical sets and sorts out others. This ensures quality, speeds up the work and can also be used to train new employees in a CSSD more quickly.

## **Advanced data management with Steelco Data Suite**

The modular software solution Steelco Data Suite adapts to individual customer needs, offers security and traceability and reveals further potential for efficiency increases in the reprocessing of medical devices.

SteelcoData Live forms the basis. The application is web-based, easy to install and records machine data and device cycles on a server. Status data such as temperatures or remaining process times are available in real time. The software is compatible with a wide range of products from the Steelco portfolio including M-ATS. The Steelco server also forms the interface between all Steelco reprocessing equipment and other hospital management systems.

The addition of SteelcoData Pro ensures the traceability of instruments and medical devices in everyday work - from use in the operation theatre, transport to the CSSD, reprocessing devices through to provision for re-use. SteelcoData Pro thus brings transparency to the reprocessing cycle, enables hospital staff and facilitates planning.

SteelcoData Ares is the third module of Data Suite and is specially designed for the reprocessing of endoscopes. Using RFID technology, the system identifies endoscopes and staff on the wards contact-free and automatically starts the required programme.

### **Media contact Miele Group**

Michael Prempert  
Phone: +49 5241 89-1957  
E-Mail: [michael.prempert@miele.com](mailto:michael.prempert@miele.com)

### **Media contact Steelco Group**

Luigi Guarda  
Phone: +39 423 756333  
E-Mail: [l.guarda@steelcospa.com](mailto:l.guarda@steelcospa.com)

**There are two photographs with this text**



**Photo 1:** Fully automatically and with consistent quality, the packaging robot wraps sets in paper.  
(Photo: Steelco/ R-Solution)



**Photo 2:** The R-APPIT packaging robot is distributed exclusively by Steelco in many countries. The labelling of the sets allows for traceability. (Photo: Steelco/ R-Solution)

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