



Smart Packaging Table.

SURGICAL INSTRUMENT SCANNER



Surgical Instrument Scanner.

SUIS (Surgical Instrument Scanner) is a workstation that employs Artificial Intelligence to automatically check packaging checklists and support training of new operators.

SUIS, is an advanced system that uses sophisticated AI-based recognition technologies to quickly and accurately identify groups of surgical instruments.

SUIS's real strength is its ability to operate without the need for data matrix or RFID markings on instruments. The AI system is also able to guide the operator step by step, thus making the assembly of sets a smooth and error-free process.

Forget about assembly errors and incomplete surgical sets: SUIS, through the use of artificial intelligence, ensures accuracy and safety at every stage.

BENEFITS

Maximum Patient Safety



- Automatic recognition of the contents of surgical sets
- Assembly in accordance with sterilization center procedures
- Reduction of human error, elevating the quality of the packaging process
- Generation of detailed reports with checklists, instrument counts, comments and anomaly reporting

Guided Assembly Of Sets



- Workstation includes a projector, which guides the operator during set reassembly by highlighting instruments to be picked up in the correct order directly on the packaging table
- Visual and audio signals to guide the operator
- Voice commands for a seamless operating experience



Saving Time And Reducing Costs

- Reduction in training time for new operators
- Instant control of packaging checklists
- Elimination of process nonconformities caused by human error



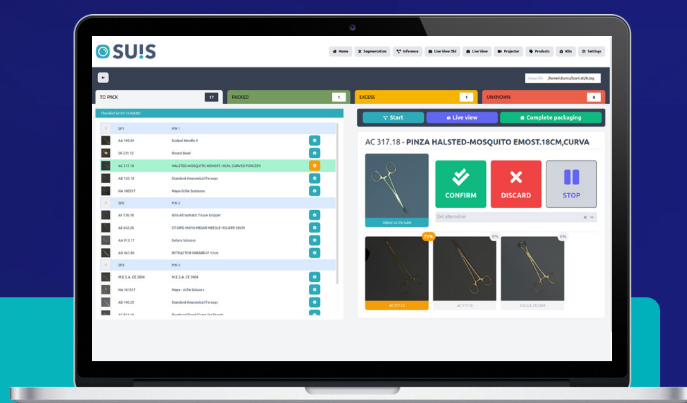
Integration

- Natively integrated with the SIXSTER traceability system
- Can be integrated with external systems



Simplicity In Complexity

- Smooth management of complex and large surgical sets
- Support for instrument and set inventory creation
- Centralized catalog of images of surgical sets and instruments



Revolutionizing Surgical Kit Traceability

Smart, Fast, and Mark-Free with AI Precision!

Effortlessly identify and guide the reassembly of surgical instruments with cutting-edge AI, enhancing efficiency and accuracy in every step

RECOGNITION PHASE

The operator scans the container's barcode, uploading kit data and projecting key details onto the table. Cameras and algorithms identify all instruments placed on the table, updating the traceability software, which generates a report highlighting a checklist and any irregularities (e.g., missing or incorrect instruments).



KIT REASSEMBLING

A visual or acoustic signal guides the operator in reassembling the kit. Instruments are illuminated in sequence by the projector for placement in the container. The system highlights the next instrument(s) automatically until all tools are correctly positioned and ready for sterilization.



HARDWARE



CAMERA/S

Cameras to frame the instruments on the table and recognize them



PROJECTOR

Projector to guide the operator during the recomposition of the kit



TOUCH-SCREEN

Touch-screen to interact with traceability software



**VOICE
RECOGNITION**

Microphone for voice instructions



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