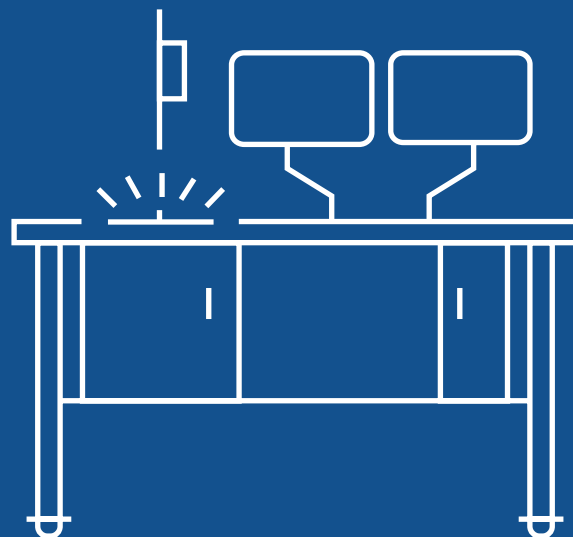


ESSEGI  
AUTOMATION

focus on storage solutions

# ISM Incoming Material Station 2.0

Solution for the management  
and traceability of incoming  
material





# INTEGRATED SYSTEM

# FOR COMPREHENSIVE AND RELIABLE INCOMING MATERIALS CONTROL



**SM Incoming Material Station 2.0** is an advanced platform designed to **optimise the acceptance phase of materials**, ensuring **full traceability in real time**.

Ideal for electronics assembly companies, it helps prevent stockouts, improve operational efficiency, and ensure compliance with the highest quality standards.

# Main features



The **ISM Incoming Material Station 2.0** allows for in-depth **inspection** of materials and **records** all relevant data for full **traceability throughout the entire production process**.

The integrated ISM software cross-references the collected data and **provides real-time availability updates**, highlighting any discrepancies, upcoming expirations, or supply needs.

The station has been carefully designed for **ergonomic comfort** and **versatile use**. New features and an **optimized layout** ensure that operators can work efficiently-both during incoming materials checks and while consulting inventory data.

## ✔ Photo **Recording**

Thanks to two integrated cameras, the system captures images of the reel from both sides. The images are stored and linked to the material's data sheet.

## ✔ Automatic Data **Verification**

The system compares incoming material data with the company's ERP records, updating purchase orders and delivery notes in real time. This ensures accurate management of shortages and overages.

## ✔ Part Number **Validation**

The ISM software checks part numbers against an approved item list, preventing unrecognized materials from entering the inventory.

## ✔ 1D/2D Code **Recognition**

Fully compatible with ECIA standards and non-standard label formats, the system automatically reads and records 1D and 2D barcodes on component labels.

## ✔ Document **Acquisition**

With OCR functionality, the system digitally captures and stores all accompanying documentation directly into the company's management systems.

## ✔ UID and Label **Generation**

Each registered material is assigned a unique ID code, automatically generated. The built-in printer allows for the creation of customized labels.

## ✔ Always **Connected**

The ISM Station is designed to integrate seamlessly with all company systems (ERP, MES, WMS, P&P, PDA), maintaining constant connection via Wi-Fi or LAN for reliable, real-time data exchange.



# Hardware Specifications



**TOP CAMERA**  
high-resolution

**DUAL MONITOR**  
for simultaneous operation

**PRINTER**  
for label generation

**BARCODE READER**

**LARGE WORK SURFACE**  
ESD-safe

**SCANNER AND CAMERA**  
High-resolution scanner  
with adjustable brightness

**SEATING SPACE**  
with adjustable legs

**WHEELS**  
for easy mobility

**ROBUST METAL STRUCTURE**  
for long-lasting durability

**GREEN BUTTON FOUR KEYS  
KEYBOARD AND PEDAL  
SWITCH**  
configurable

Check the **technical sheet**  
for further details



# Advantages



- **FULL INTEGRATION WITH COMPANY IT INFRASTRUCTURE**

The ISM software communicates and exchanges data with all enterprise systems, ensuring maximum control and full component traceability.



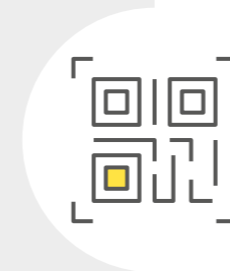
- **PREVENT STOCKOUTS AND AVOID PRODUCTION STOPS**

Real-time inventory updates help prevent production interruptions caused by stock shortages.



- **SMART AUTOMATION THAT FREES UP RESOURCES AND REDUCES ERRORS**

The platform's automation capabilities streamline operator tasks, reduce manual effort, and significantly minimize the risk of human error.



- **ERGONOMIC DESIGN FOR MAXIMUM OPERATOR COMFORT**

Design and materials are engineered to meet operator needs offering optimal comfort and efficiency.

# ISM Software

## Integration

**E**ssegi Automation has developed a robust **software platform** for the control and traceability of components, from incoming materials inspection to material handling at production lines.

Originally created to manage and control warehouse operations, the **ISM software** has evolved into a **powerful tool for real-time data exchange** across the full range of **Essegi Automation** solutions. It integrates seamlessly with the company's IT ecosystem (ERP, MES, Pick & Place).

ISM is a **simple, intuitive, and scalable software** that adapts to any production environment. Thanks to a powerful API system, it ensures efficiency, control, and traceability at every stage of the process.



**ISM INCOMING  
MATERIAL  
STATION 2.0  
THE NEW  
INTEGRATED  
PLATFORM**

**DESIGNED TO ENSURE  
MAXIMUM TRACEABILITY AND  
OPERATIONAL EFFICIENCY**

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