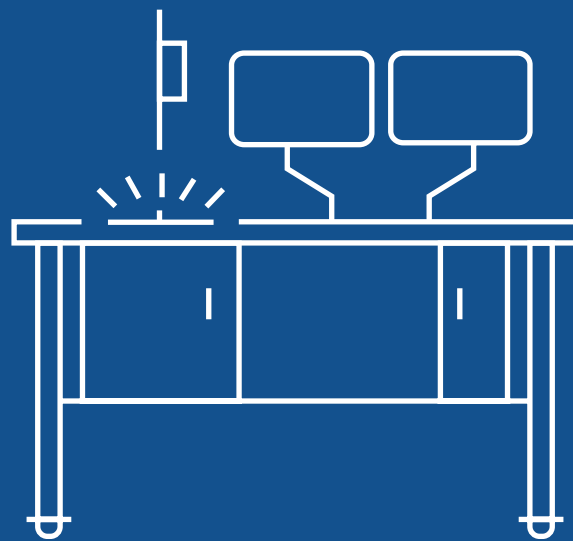ESSEGI AUTOMATION
focus on **storage solutions**

ISM Incoming Material Station **2.0**

Solution for the management and traceability of incoming material

CORE-EMT

INCOMING MATERIAL STATION 2.0

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, 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

SCANNER AND CAMERA
High-resolution scanner
with adjustable brightness

WHEELS
for easy mobility

INCOMING MATERIAL STAT

DUAL MONITOR
for simultaneous operation

PRINTER
for label generation

BARCODE READER

LARGE WORK SURFACE
ESD-safe

SEATING SPACE
with adjustable legs

ROBUST METAL STRUCTURE
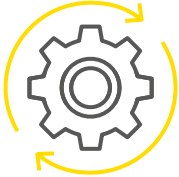for long-lasting durability

GREEN BUTTON FOUR KEYS KEYBOARD AND PEDAL SWITCH
configurable
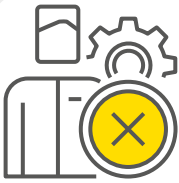
Check the **technical sheet**
for futher detailes

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

The platform's design and materials are engineered to meet operator needs, offering optimal comfort and operational 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 toward 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

CORE-EMT

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