# T11 Manual Mark & Verify

# Reliable Label Printing and Inspection



#### **Variable Formats**

Supports pharmaceutical serialization, medical device UDI or clinical trial labeling. Data can be dynamically assigned to PDF templates.



#### **Compact Design**

An ergonomic design enables comfortable and efficient product handling. The space-saving design allows simple integration in confined environments.



#### **Flexible Label Production**

Use the peel-off mode to print and verify labels during production or use the rewind mode to prepare label batches for reel-to-reel label production.



#### **Small Batch Labeling System**

Print and inspect labels for later application to the package. Efficient for either small batches or frequent product changeovers.



#### **Global Service Support**

A global network of service experts provide fast remote and on-site support. Our comprehensive service offering supports regulatory compliance, high performance, and maximum uptime throughout the life cycle of your product inspection equipment.



## Manual Mark & Verify

This compact system prints and inspects labels using Smart or High-Resolution Camera technology. Faulty labels are detected and can be removed before they are applied to products, ensuring only correct labels are used.

## **Two Camera Options**

Use a Smart Camera or High-Resolution Camera depending on the label size and print resolution for optimum verification of label information.

#### **Instant Print Quality Inspection**

As labels are printed, an integrated camera verifies that all information is present and correct.

#### **Optional Serialization**

Additional Track and Trace serialization capabilities can be enabled on the software as business needs grow.



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#### **Marking and Verifying Labels**

The T11 offers three types of verification: Presence, Quality and Reference Check.



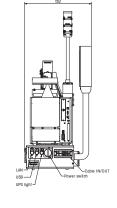




**Presence** Quality Check Check

Check

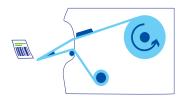
T11 with Smart Camera (SMC) - typical dimensions in mm



T11 with High-Resolution Camera (HRC) - typical dimensions in mm

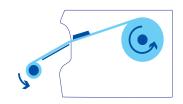
### **Label Application - Peel off Mode**

The peel off mode is suitable for just-intime printing. In peel off mode, label data are provided in real time to the printer where they are processed directly; the labels are removed manually off the label web.



### **Label Application - Rewind Mode**

The rewind mode is suitable when labels are printed, inspected and rewound reel-to-reel in advance of later use.



Technical Details	T11 Manual Mark & Verify
Track & Trace Solution	Mark & Verify
System Design	Standalone
Product Types	Labels
Throughput	Manual
Reading Devices	Smart Camera, High-Resolution Camera
Number of Reading Devices	1
Dimensions (H x W x D)	1291 x 1253 x 552 mm
HMI	15"
Product Width	30 - 170 mm
Product Length	30 - 250 mm
Product Height	Max 230 mm
Compatible Software	PLM Mark & Verify, PLM Serialization, PLM Direct

Component Details	Smart Camera (SMC 320)
Camera resolution	1600 x 1200 pixels (CMOS)
Component Details	High Resolution Camera (HRC)
Camera Resolution	4008 x 2672 pixels (CCD)

### **Software Flexibility**



Use PCE Line Manager (PLM) for Mark & Verify applications providing local control of sensors, cameras, printers and code readers. Compatible with the PCE Software Suite, enabling an easy upgrade path for integration into full track and trace systems, when or if production needs change.

**SYSTECH** Service with global reach and tailored care solutions



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Traceability and serialization solutions to drive efficiency, achieve compliance and protect your brand.







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