V11 Label Inspection System

Adaptable. Integratable. Cost effective.

Label Data and Quality Control

Reliably inspects label data such as 1D / 2D barcodes and alpha numeric text for errors. Check for quality defects such as label positioning, multi-labeling, skews, wrinkles, folds, print quality and graphic ID.
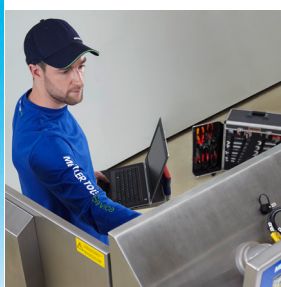

Flexible Plug and Play Solution

A modular system that is easy to install and set-up. The control enclosure, HMI, camera and lights can be installed on existing production lines, and the intuitive user interface supports set-up and configuration changes without requiring expert knowledge.

Intuitive Vision Software

User friendly operator software simplifies the set-up of products and supports product changes to be managed centrally. Based on the established checkweighing software for minimal operator training requirements.

Global Service Support

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

V11 Label Inspection System

This flexible label inspection solution reliably inspects oriented products from the sides or top for label data and quality defects. It can be easily integrated into existing production lines utilizing smart cameras, lighting and software.

- **100% Automated Label Inspection** – Affordable vision system ideally suited to replace manual spot checks with 100% automated label inspection control for high-speed production lines.
- **Compliance Support** – Provides documented label inspection in line with industry guidelines such as IFS and BRCGS to support consumer safety.
- **Prevent Recalls and Reduce Waste** – Verifies labels to detect and reliably reject non-conforming products. False or missing declarations often lead to costly recalls.

METTLER TOLEDO

V11 Label Inspection System
Technical Specifications

Applications
- Label data and quality inspection of cartons, oval containers or any oriented package
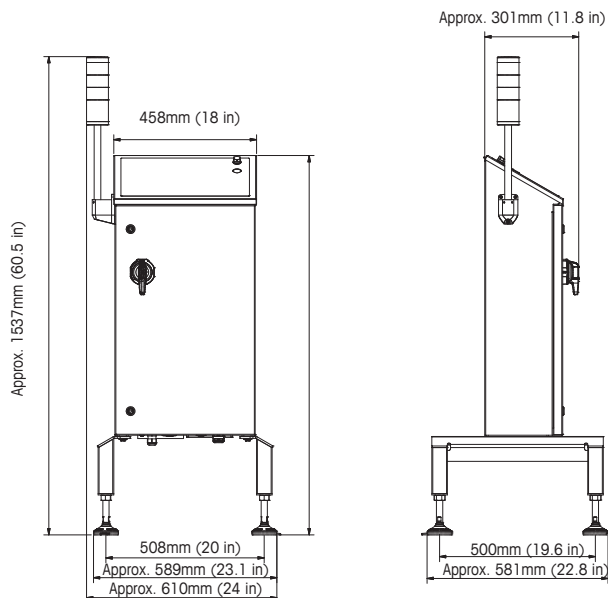
Increase Productivity
- Quickly manage product changeovers by storing multiple packages for inspection in the image library
- On screen information provides system status updates and troubleshooting advice
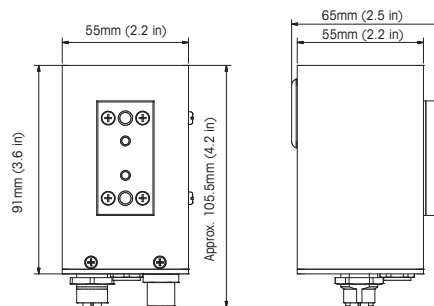
Software Capabilities
- User friendly operator software simplifies the set-up of products and supports product changes to be managed centrally
- Embedded user management provides security. Based on the established Checkweighing software for minimal operator training requirements
- Fieldbus and OPC technologies enable IoT / Industry 4.0 initiatives to access, analyze and controll production data anytime and anywhere
- The system can be connected to the ProdX™ quality management software

Available as a Combination System
- Integrate with our checkweighing, metal detection or x-ray inspection technologies into a single space-saving device
- Shared material handling, sorting and reject mechanisms improve productivity and reduce cost

HMI Cabinet

Smart Camera*

*Other Smart Camera sizes available. Maximum camera size is 80 x 60 x 100 mm

Model	V11 Label Inspection System
Product Shape	Oval bottles, tubs, cartons, etc.
Inspection Area	Top; Side
Field of View	128 x 96 mm
Label Data Inspection	1D/2D Barcodes, Alpha Numeric
Label Quality Inspection	Label Wrinkles; Graphical ID; Label Placement; Label Skew
Cap Inspection	Presence, Color, Skew
Cameras	Up to 4 Smart Cameras
HMI	12" Color Touchscreen
Throughput	Up to 600 ppm
Cleaning Requirement	Wipe Down (IP54); Low Pressure (IP65)
Design Options	Kit; Checkweigher Intergration
Vision Combinations	Contamination Detection; Dynamic Checkweighing

Note: The system has additional options that can be configured to your production line. Contact us to get a quote.

METTLER TOLEDO Service with global reach and tailored care solutions

www.mt.com/ci-vision

For more information