

V15 Round Line

Reliable Product Data Check 360



Product Data Check 360
The 6 image sensors catch labeling errors by reading, verifying and rejecting incorrect data including 1D or 2D barcodes and alpha-numeric text.



Quick and Simple Product Changeovers
The system is designed to adapt to product changes on the production line in a matter of seconds with automated changeovers.



Efficient and Compact Design
The V15 is suitable to fit in tight production lines. It minimizes ambient light interference for maximum line efficiency.



Product Inspection Integration
For additional space savings and maximum efficiency, install on a checkweigher or other product inspection device with fully integrated software management via the checkweigher.



Inspection of Round Products

The V15 Round Line vision inspection system performs product data checks for round products using 6 image sensors. The compact design saves space by installing over existing production lines, easily integrating with your requirements.

- **Designed for Wet Environments** – IP65-rated system is constructed of stainless steel for easy cleaning, plus sloped surfaces support hygienic design requirements.
- **Easy-to-use Software** – Intuitive vision software simplifies your operation for product and format definitions setup.
- **Optional Top or Bottom Cameras** – Up to two top or bottom Smart Cameras can perform additional inspections on lids or container bottoms to detect additional product- and production data.

V15 Round Line

Technical Specifications



Typical Containers – Round

Product changeover is quick and easy thanks to its "liquid lens" technology and height adjustment capabilities.

Applications

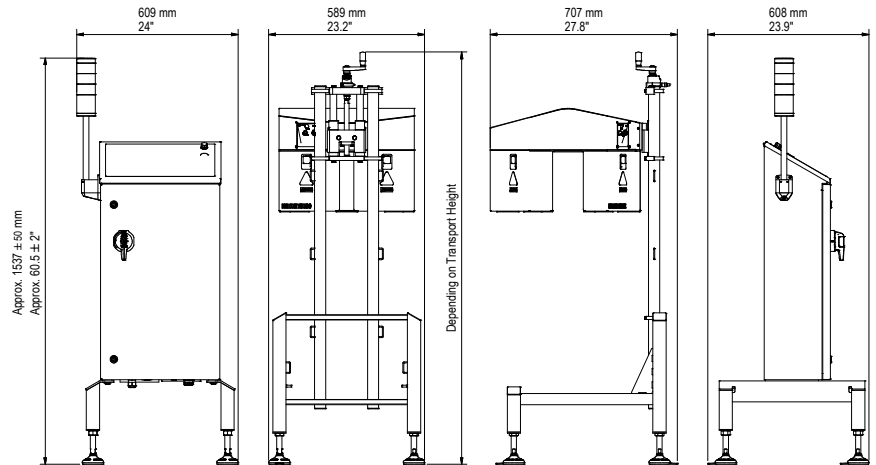
Product data check 360, label mix-up prevention.

Inspection Capabilities

- 1D and 2D code reading
- Alpha-numeric text
- OCR & OCV
- Print presence

Software Capabilities

- Vision inspection software gives fast access to real-time inspection results
- User management with preset system permission packages ensures process safety and allows rapid creation of new users, so customers can get personnel up-to-speed quickly
- Step-by-step part training makes the setup of new inspections fast and easy



Standard Schematic with Frame and HMI separated – V15 Round Line front view and perspective side view (typical dimensions in mm). Additional configurations available.

Model	V15 Round Line
Max. product diameter in mm	110
Inspection field (volume) height in mm	110, beginning 8 mm below system's bottom edge
Max. inspection height (in mm)	Codes should be no lower than 230 mm from the top of the package
No. of sensors	Six image sensors with lights, plus optional top or bottom facing Smart Cameras
Inspection throughput	500 ppm
Vision Technology	Smart Camera Technology
Ingress Protection	Up to IP65
Top Inspection (optional)	Install over existing conveyor
Bottom Inspection (optional)	Engineering is required to allow space to install the camera and ensure adequate field of view from beneath

Equipment Specifications

- Line height from 750 to 1050 mm
- Complete line integration with encoders, reject devices and reject controls
- Variable cable lengths for uncomplicated line integration

METTLER TOLEDO Service with global reach and tailored care solutions



Mettler-Toledo Group
Product Inspection Division
Local contact: www.mf.com/contacts

Subject to technical changes.
Images are examples only.
©04/2020 METTLER TOLEDO. All rights reserved.
PI-VI-DSHEET-V15ROUNDUNORIE-EN

www.mf.com/ci-vision

For more information